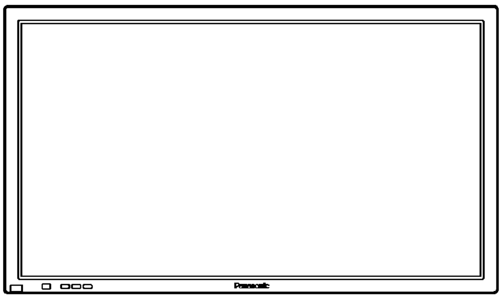
ORDER NO. ITD0207019C0
D10 Canada: B07

Service Manual

Wide Plasma Display



TH-42PW5
TH-42PWD5
TH-37PW5
TH-37PWD5

GP5D Chassis

Specifications

Power Source:	AC120V 50/60Hz (UY/UZ version)
	AC220-240V 50/60Hz
	(Except UY/UZ version model)
Power Consumption:	225 W (37 inch), 295 W (42 inch)
	2.4 W (stand-by condition)
	(UY/UZ version)
	2.8 W (stand-by condition)
	(Except UY/UZ version model)
	0.9 W (Power off condition)
	(UY/UZ version model)
	1.5 W (Power off condition)
	(Except UY/UZ version model)
Plasma Display panel:	Drive method AC type
	16:9 aspect ratio
Contrast Ratio	3000:1
Screen size:	818 mm (W) × 461 mm (H)
	939 mm (diagonal) (37 inch)
	920 mm (W) × 518 mm (H)
	1,056 mm (diagonal) (42 inch)
	No. of pixels
	408,960 (852 (W) × 480 (H))
	[2,556 × 480 dots]
Operating condition:	
Temperature	34 °F - 104 °F (0 °C - 40 °C)
Humidity	20 % - 80 %
	Horizontal scanning frequency 15.6 - 110kHz
	Vertical scanning frequency 48 - 120Hz
Connection terminals:	
AV	
Video in	1.0 Vp-p (75-ohm)
S-VIDEO IN (MINI DIN 4PIN)	Y: 1 Vp-p (75-ohm), C: 0.286 Vp-p (75-ohm)
AUDIO IN (RCA PIN JACK × 2)	0.5 Vrms (high impedance)
COMPONENT/RGB	
Y/G	1.0 Vp-p/composite (75-ohm)
	0.7 Vp-p/non-composite (75-ohm)
P_B /B	0.7 Vp-p (75-ohm)
P_R /R	0.7 Vp-p (75-ohm)
HD	1.0 - 5.0 Vp-p (high impedance)
VD	1.0 - 5.0 Vp-p (high impedance)
AUDIO IN	0.5 Vrms (high impedance)
(RCA PIN JACK×2)	
PC	
(HIGH-DENSITY D-SUB15PIN)	R,G,B/0.7 Vp-p (75-ohm)
	HD, VD/1.0 - 5.0 Vp-p (high impedance)
AUDIO IN (M3 JACK)	0.5Vrms (high impedance)
SERIAL	
EXTERNAL CONTROL TERMINAL (D-SUB9PIN)	RS-232C COMPATIBLE
SPEAKERS (External speakers) (6Ω)	16W [8W+8W] (10% THD)
Dimensions (W×H×D):	920 mm × 550 mm 89 mm) (37 inch)
	1,020 mm × 610 mm 89 mm) (42 inch)
Weight (Mass)	approx. 24.0 kg net (main unit only) (37 inch)
	approx. 28.2 kg net (with speakers) (37 inch)
	approx. 28.0 kg net (main unit only) (42 inch)
	approx. 32.2 kg net (with speakers) (42inch)

Panasonic®

© 2002 Matsushita Electric Industrial Co., Ltd. All rights reserved. Unauthorized copying and distribution is a violation of law.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CONTENTS

Page

1 Applicable signals ---- 4
2 Safety Precautions ---- 5
  2.1. General Guidelines ---- 5
3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices ---- 6
4 About lead free solder (PbF) ---- 7
5 PCB Structure sheet of GP5D chassis ---- 8
6 Service Hint ---- 9
7 Location of Lead Wiring ---- 10
8 Adjustment Procedure ---- 11
  8.1. +B Set-up ---- 11
  8.2. Driver Set-up ---- 11
  8.3. Initialization Pulse Adjust ---- 12
  8.4. P.C.B. (Printed Circuit Board) exchange ---- 13
  8.5. Adjustment Volume Location ---- 13
  8.6. Test Point Location ---- 13
9 Service mode ---- 14
  9.1. CAT (computer Aided Test) mode ---- 14
  9.2. IIC mode structure (following items value is sample data.) ---- 16
10 Alignment ---- 17
  10.1. Pedestal setting ---- 17
  10.2. NTSC panel white balance ---- 18
  10.3. PAL/SECAM panel white balance ---- 19
  10.4. PC/RGB panel white balance ---- 21
  10.5. HD/ 525i /525p panel white balance ---- 23
  10.6. 625i panel balance ---- 25
  10.7. Sub brightness setting ---- 26
11 Trouble shooting guide ---- 28
  11.1. Self Check ---- 28
  11.2. No Power ---- 29
  11.3. No Picture ---- 30
  11.4. Local screen failure ---- 30
12 Option Setting ---- 31
13 Conductor Views ---- 33
  13.1. F-Board ---- 33
  13.2. P-Board (UY/UZ Version) ---- 34
  13.3. P-Board (Except UY/UZ Version) ---- 35
  13.4. HX-Board ---- 38
  13.5. HY-Board ---- 39
  13.6. HZ-Board ---- 41
  13.7. D1-Board ---- 43
  13.8. D2-Board ---- 45
  13.9. C1-Board (42 inch Models) ---- 48
  13.10. C1-Board (37 inch Models) ---- 49
  13.11. C2-Board (42 inch Models) ---- 50
  13.12. C2-Board (37 inch Models) ---- 51
  13.13. SC-Board ---- 52
  13.14. SU-Board (42 inch Models) ---- 55
  13.15. SU-Board (37 inch Models) ---- 56
  13.16. SD-Board (42 inch Models) ---- 57
  13.17. SD-Board (37 inch Models) ---- 58
  13.18. SS, SS2, SS3, SS4 and SS5-Board ---- 59
  13.19. Z-Board ---- 62
  13.20. H3, S1 and V1-Board ---- 63
14 Block and Schematic Diagrams ---- **65**
  14.1. Schematic Diagram Notes ---- 65
  14.2. Main Block Diagram ---- 66
  14.3. Power (UY/UZ Version) Block Diagram ---- 67
  14.4. F-Board Schematic Diagram ---- 68
  14.5. P-Board (UY/UZ Version) Schematic Diagram ---- 69
  14.6. Power (Except UY/UZ Version) Block Diagram ---- 70
  14.7. P-Board (1 of 2) (Except UY/UZ Version) Schematic Diagram ---- 71
  14.8. P-Board (2 of 2) (Except UY/UZ Version) Schematic Diagram ---- 72
  14.9. HX-Board Block Diagram ---- 73
  14.10. HX-Board Schematic Diagram ---- 74
  14.11. HY and HZ-Board Block Diagram ---- 75
  14.12. HY-Board (1 of 2) Schematic Diagram ---- 76
  14.13. HY-Board (2 of 2) Schematic Diagram ---- 77
  14.14. HZ-Board (1 of 2) Schematic Diagram ---- 78
  14.15. HZ-Board (2 of 2) Schematic Diagram ---- 79
  14.16. D1-Board Block Diagram ---- 80
  14.17. D1-Board (1 of 6) Schematic Diagram ---- 81
  14.18. D1-Board (2 of 6) Schematic Diagram ---- 82
  14.19. D1-Board (3 of 6) Schematic Diagram ---- 83
  14.20. D1-Board (4 of 6) Schematic Diagram ---- 84
  14.21. D1-Board (5 of 6) Schematic Diagram ---- 85
  14.22. D1-Board (6 of 6) Schematic Diagram ---- 86
  14.23. D2-Board Block Diagram ---- 87
  14.24. D2-Board (1 of 6) Schematic Diagram ---- 88
  14.25. D2-Board (2 of 6) Schematic Diagram ---- 89
  14.26. D2-Board (3 of 6) Schematic Diagram ---- 90
  14.27. D2-Board (4 of 6) Schematic Diagram ---- 91
  14.28. D2-Board (5 of 6) Schematic Diagram ---- 92
  14.29. D2-Board (6 of 6) Schematic Diagram ---- 93
  14.30. C1 and C2-Board Block Diagram ---- 94
  14.31. C1-Board (42 inch Models) Schematic Diagram ---- 95
  14.32. C1-Board (37 inch Models) Schematic Diagram ---- 96

14.33. C2-Board (42 inch Models) Schematic Diagram 97
14.34. C2-Board (37 inch Models) Schematic Diagram 98
14.35. SC-Board Block Diagram 99
14.36. SC-Board (1 of 2) Schematic Diagram 100
14.37. SC-Board (2 of 2) Schematic Diagram 101
14.38. SD-Board Block Diagram 102
14.39. SD-Board (42 inch Models) Schematic Diagram 103
14.40. SD-Board (37 inch Models) Schematic Diagram 104
14.41. SU-Board Block Diagram 105
14.42. SU-Board (42 inch Models) Schematic Diagram 106
14.43. SU-Board (37 inch Models) Schematic Diagram 107
14.44. SS-Board Block Diagram 108
14.45. SS, SS2, SS3, SS4, SS5 and S1-Board Schematic Diagram 109
14.46. Z-Board Block Diagram 110
14.47. H3 and Z-Board Schematic Diagram 111

15 Parts Location 113

15.1. Parts Location1 113
15.2. Parts Location2 114
15.3. Parts Location3 115

16 Mechanical Replacement Parts List 116

16.1. 42 inch Models Mechanical Replacement Parts List 116
16.2. 37 inch Models Mechanical Replacement Parts List 118

17 Replacement Parts List 119

17.1. Relpacement Parts List Notes 119
17.2. 42 inch Models (UY/ UZ Version) Electrical Replacement List 120
17.3. 42 inch Models (Except UY/ YZ Version) Electrical Replacement List 137
17.4. 37 inch Models (UZ Version) Electrical Replacement List 155
17.5. 37 inch Models (Except UZ Version) Electrical Replacement List 156

1 Applicable signals

VIDEO input

	signal name	horizontal frequency(kHz)	vertital frequency(Hz)
1	NTSC	15.734	59.95
2	PAL	15.625	50
3	PAL60	15.734	59.95
4	SECAM	15.625	50
5	Modified NTSC	15.734	59.95

∗ Mark:
By installing the optional
Terminal Board.

COMPONENT/RGB/PC/DVI input

	signal name	horizontal frequency(kHz)	vertital frequency(Hz)	COMPONENT	RGB	PC	DVI
1	525(480)/60i	15.734	59.94	∗	∗	∗	
2	625(575)/50i	15.625	50	∗	∗	∗	
3	525(480)/60p	31.468	59.94	∗	∗		
4	625(575)/50p	31.25	50	∗	∗	∗	
5	750(720)/60p	45	60	∗	∗	∗	
6	1125(1080)/60i	33.75	60	∗	∗	∗	
7	1125(1080)/50i	28.125	50	∗	∗	∗	
8	1125(1080)/24p	27	24	∗	∗	∗	
9	1125(1080)/24sF	27	48	∗	∗	∗	
10	640 × 400@70	31.5	70		∗	∗	
11	640 × 480@60	31.5	59.94		∗	∗	∗
12	Macintosh13"(640 × 480)	35	67		∗	∗	
13	640 × 480@75	37.5	75		∗	∗	
14	852 × 480@60	31.7	60		∗	∗	∗
15	800 × 600@60	37.9	60		∗	∗	∗
16	800 × 600@75	46.9	75		∗	∗	
17	800 × 600@85	53.7	85		∗	∗	
18	Macintosh16"(832 × 624)	49.7	75		∗	∗	
19	1,024 × 768@60	48.4	60		∗	∗	∗
20	1,024 × 768@70	56.5	70		∗	∗	
21	1,024 × 768@75	60	75		∗	∗	
22	1,024 × 768@85	68.7	85		∗	∗	
23	Macintosh21"(1,152 × 870)	68.7	75		∗	∗	
24	1,280 × 1,024@60	64	60		∗	∗	
25	1,280 × 1,024@75	80	75		∗	∗	
26	1,280 × 1,024@85	91.1	85		∗	∗	
27	1,600 × 1,200@60	75	60		∗	∗	

2 Safety Precautions

2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to thechassis, the reading should be between 1MΩ and 5.2MΩ.
   When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

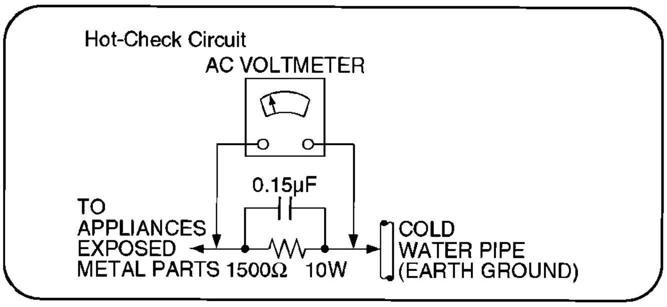


Figure 1

2.1.2. Leakage Current Hot Check (See Figure 1 .)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10 watts resistor, in parallel with a 0.15μF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1 .
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outsideof the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistorsand semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, whichshould be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparableconductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient todamage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and (Cu) although other types are available.

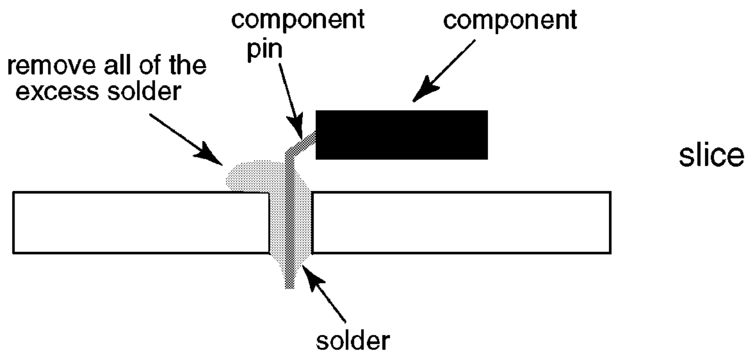
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol PbF stamped on the back of PCB.

Caution

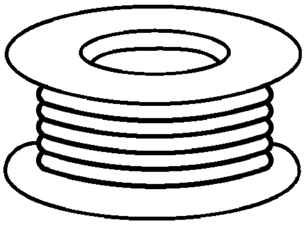
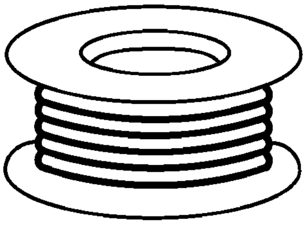
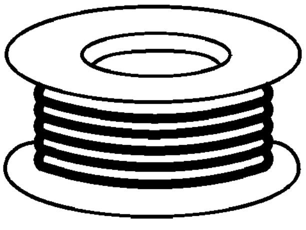
- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also beused.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

5 PCB Structure sheet of GP5D chassis

Board Name	Function	Remarks
D1	Format Converter	1
D2	Plasma AI Sub-Field Processor	1
Z	Audio out	
SS	Sustain Out	1
SC	Scan out	1
SU	Sustain connection (Upper)	1
SD	Sustain connection (Lower)	1
C1	Data Drive (Lower Right)	
C2	Data Drive (Lower Left)	
H3	Speaker terminal	
S1	Power switch	
SS2	Sustain connection (Upper)	
SS3	Sustain connection (Lower)	
V1	Front SW. & Remote receiver	
F	Line filter	
P	Power supply	1
HX	PC_type_Input terminal	
HY	BNC_type_Input terminal	2
HZ	RCA type_Input terminal	3

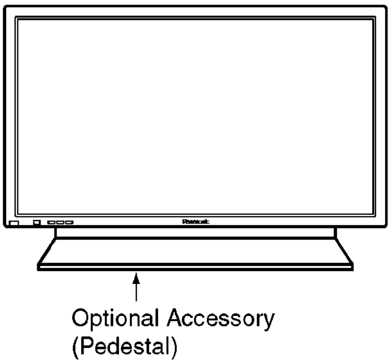
Remarks

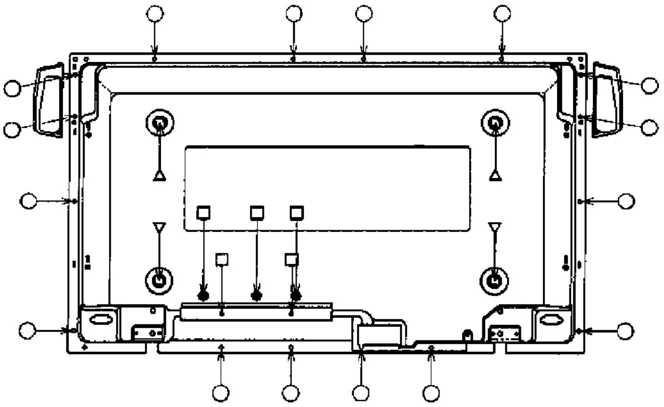
1. Recommend PCB´s for initial service for GP5D chassis.
2. For System model except BX, EX version
3. For Consumer model except BX, EX version

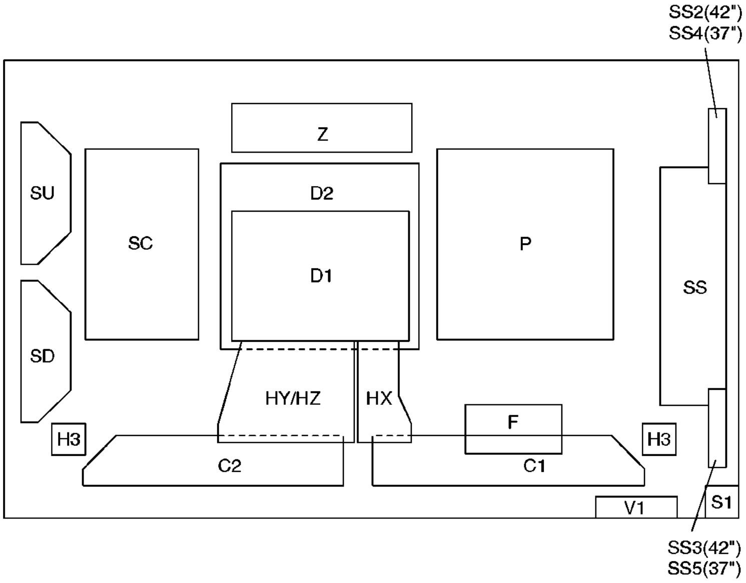
6 Service Hint

Remove the Back Cover

Stand the Unit used for Optional Accessory


Optional Accessory
(Pedestal)

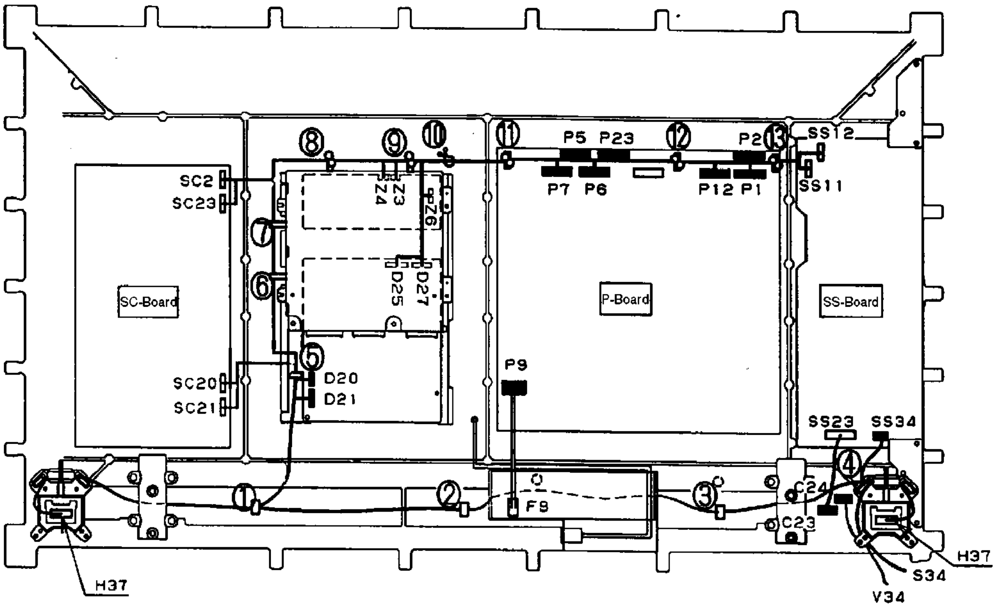



SS2(42")
SS4(37")
Z
SU
SC
D2
D1
P
SS
SD
HY/HZ
HX
F
H3
H3
C2
C1
V1
S1
SS3(42")
SS5(37")

Remove: 4 screws (△) XYN8+F20FZ
5 screws (□) THEL023Z
16 screws (○) THTF010Z

Service Position

7 Location of Lead Wiring


⑧
⑨
⑩
⑪
P5
P23
⑫
P2
⑬
SS12
P7
P6
P12
P1
SS11
SC2
SC23
Z3
Z4
Z6
⑦
⑥
D25
D27
SC-Board
P-Board
SS-Board
⑤
D20
D21
SC20
SC21
P9
SS23
SS34
④
①
②
F9
③
C24
C23
H37
H37
S34
V34

CON:NO —— CON:NO	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	○
SS12 —— P12													○	
SS11 —— P1													○	
SC2 —— P2								○	○	○	○	○		
SC23 —— P23								○	○	○	○	○		
Z6 —— P6										○	○			
D25 —— P5										○	○			
D27 —— P7										○	○			
F9 —— P9														
SC20 —— D20					○									
SC21 —— D21					○									
Z3 —— H37 (SC)	○				○	○	○	○						
Z4 —— H37 (SS)	○	○	○		○	○	○	○						
S34 —— SS34				○										
SS23 —— C23														
V34 —— C24														
——														
——														

Connector Connection
P1,P2,P5,P6,P7,P9,P12,P23
D20,D21,Z3,Z4,H37(SS · SC)
SS34,C23,C24,AC INLET

8 Adjustment Procedure

8.1. +B Set-up

8.1.1. Item / Preparation

1. Input a Grey scale signal.
2. Set the picture controls: -
   Picture mode: Normal
   White balance: Normal

8.1.2. Adjustments

Adjust and confirm indicated test point for the specified voltage.

Adjust

Name	Volume	Voltage	Test Point	Remarks
Vsus	R621	170V ± 1V	P1 pin 3	UY/UZ
	R540			Except UY/UZ
Vda	R646	67V ± 0.5V	P12 pin 1	UY/UZ
	R537			Except UY/UZ

Confirm

Name	Voltage	Test Point	Remarks
15V	15.3V ± 0.5V	P23 pin 2	
13V	13.3V ± 0.5V	P25 pin 5	
15V	15.2V ± 0.5V	P25 pin 1	
Audio 13V	12.5V ± 0.8V	P6 pin 1	
Audio-13V	-12.5V ± 0.8V	P6 pin 3	
5V	5.2V ± 0.3V	P25 pin 7	
STB 5V	5.0V ± 0.3V	P27 pin 4	
Fan 15V	15.0V ± 0.5V	P10 pin 1	
Fan 5V	5.2V ± 0.3V	P10 pin 4	
PFC	380V ± 15V	C447(+)	Except UY/UZ

8.2. Driver Set-up

8.2.1. Item / Preparation

1. Input an APL 100 % white signal.
2. Set the picture controls: -
   Picture mode: Normal
   White balance: Cool
   Aspect: 16:9

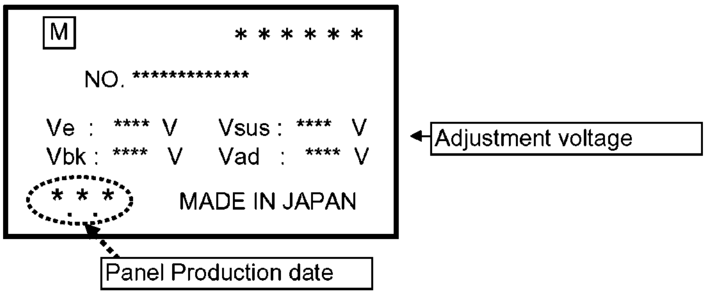
8.2.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	170V ± 1V	R540 (P)	Except UY/UZ
			R621 (P)	UY/UZ
Vbk	TPVBK (SC)	155V ± 5V	R6443 (SC)	
Ve	TPVE (SS)	150V ± 1V	R6774 (SS)	42inch Models
		153V ± 1V		37inch Models
Vset	TPVSET (SC)	218V ± 6V	---	
Vad	TPVAD (SC)	-90V ± 1V	R6477 (SC)	
Vscn	TPVSCN (SC)	Vad*+118V ± 2V	---	
Vda	TPVDA (SS)	67V ± 1V	R537 (P)	Except UY/UZ
			R646 (P)	UY/UZ

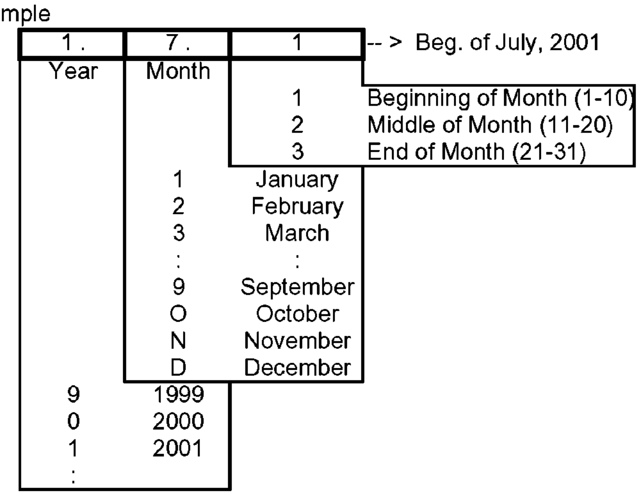
*See the Panel label.

Panel Label information


M
* * * * * *
NO. **************
Ve : **** V
Vsus : **** V
Vbk : **** V
Vad : **** V
* * *
MADE IN JAPAN
Adjustment voltage
Panel Production date

Panel Production date

For Example

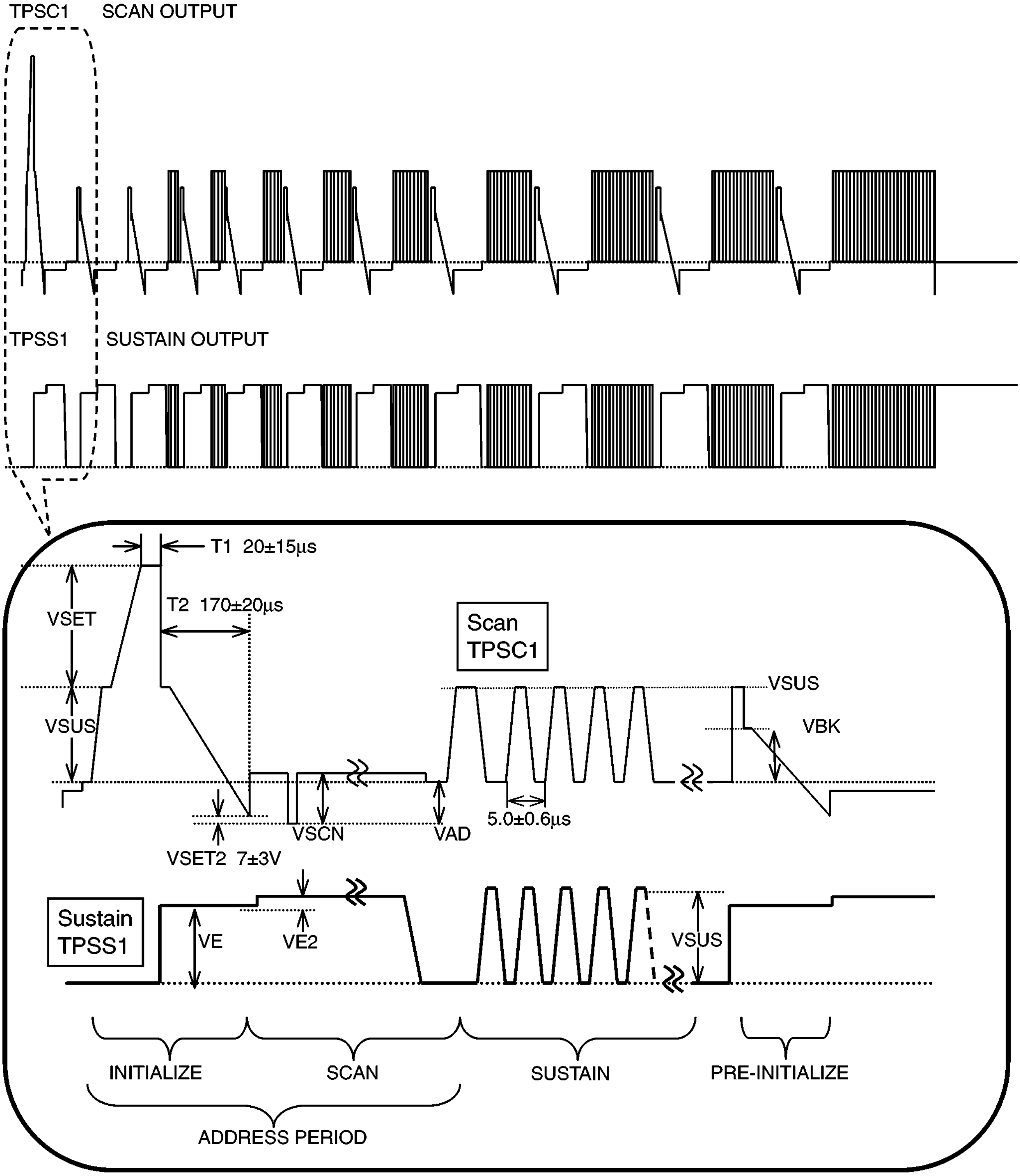

1 .
7 .
1
-- > Beg. of July, 2001
Year
Month
1 Beginning of Month (1-10)
2 Middle of Month (11-20)
3 End of Month (21-31)
1 January
2 February
3 March
: :
9 September
O October
N November
D December
9 1999
0 2000
1 2001
:

8.3. Initialization Pulse Adjust

1. Input a Cross hatch signal.
2. Set the picture controls: -
   Picture mode: Normal
   White balance: Cool

Adjust the indicated test point for the specified wave form.

	Test point	Volume	Level
T1	TPSC1 (SC)	R6523 (SC)	20 ± 15µ Sec
T2	TPSS1 (SS)	R6557 (SC)	170 ± 20µ Sec


TPSC1
SCAN OUTPUT
TPSS1
SUSTAIN OUTPUT
T1 20±15µs
T2 170±20µs
VSET
VSUS
VSET2 7±3V
VSCN
VAD
Scan
TPSC1
VSUS
VBK
5.0±0.6µs
Sustain
TPSS1
VE
VE2
VSUS
INITIALIZE
SCAN
SUSTAIN
PRE-INITIALIZE
ADDRESS PERIOD

8.4. P.C.B. (Printed Circuit Board) exchange

8.4.1. Caution

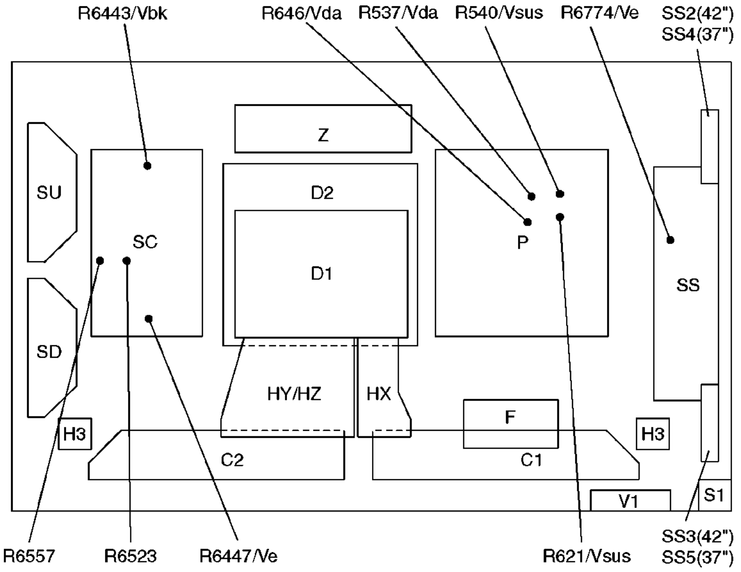
1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

8.4.2. Quick adjustment after P.C.B. exchange

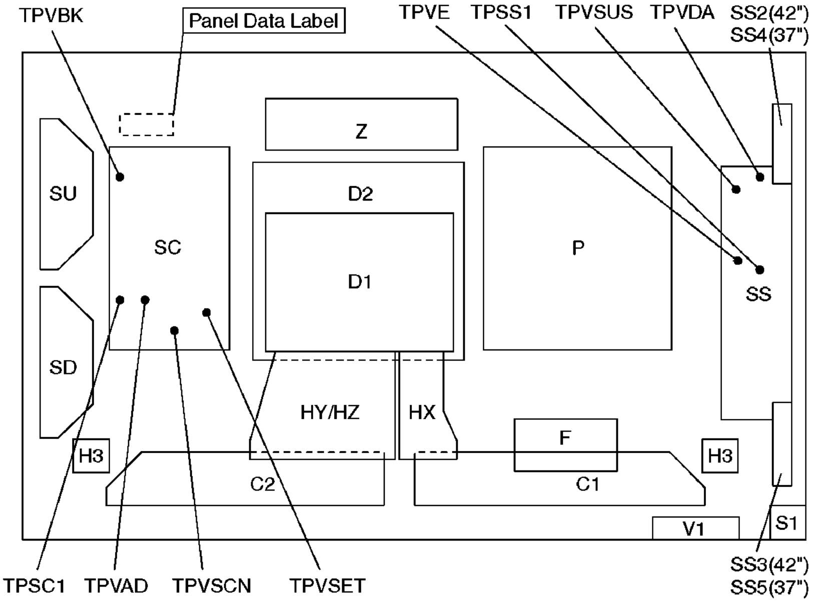
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	170V ± 1V	R540 (P)	Except UY/UZ
				R621 (P)	UY/UZ
	Vda	TPVDA (SS)	67V ± 1V	R537 (P)	Except UY/UZ
				R646 (P)	UY/UZ
SC Board	Vbk	TPVBK (SC)	155V ± 5V	R6443 (SC)	
	Vad	TPVAD (SC)	-90V ± 1V	R6477 (SC)	
SS Board	Ve	TPVE (SS)	150V ± 1V	R6774 (SS)	42inch Models
			153V ± 1V		37inch Models
D1, D2 Board	White blance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

8.5. Adjustment Volume Location


R6443/Vbk
R646/Vda
R537/Vda
R540/Vsus
R6774/Ve
SS2(42")
SS4(37")
Z
SU
SC
D2
D1
P
SS
SD
HY/HZ
HX
F
H3
C2
C1
H3
V1
S1
R6557
R6523
R6447/Ve
R621/Vsus
SS3(42")
SS5(37")

8.6. Test Point Location


TPVBK
Panel Data Label
TPVE
TPSS1
TPVSUS
TPVDA
SS2(42")
SS4(37")
Z
SU
SC
D2
P
D1
SS
SD
HY/HZ
HX
F
H3
C2
C1
H3
V1
S1
TPSC1
TPVAD
TPVSCN
TPVSET
SS3(42")
SS5(37")

9 Service mode

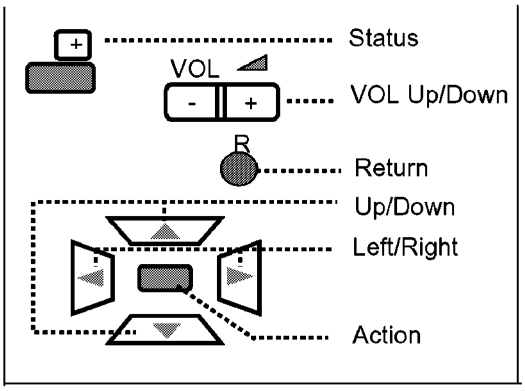
9.1. CAT (computer Aided Test) mode

CAT mode menu

CAT Panel sys8.2
IIC Mode
CD Mode
SD Mode
MS Mode
ID Mode

Mode	Function	Access button
IIC	Service Alignment	Action
CD(Complete Diagnostics)	Software version information EEPROM edit	Mute more than 5 seconds
SD(Status Display)	MTBF parameter	Action
MS Mode	Not use	-----
ID	Not use	-----

Remote control



How to access the CAT mode.

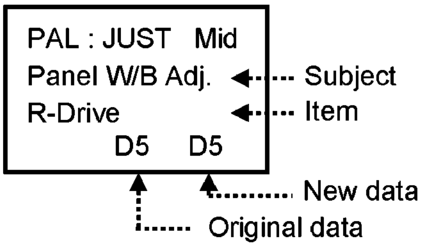
Press and the hold the Volume down / - buton on the front panel of the unit and press the status button on the remote control 3 times quickly within 1 second, this will place the unit into the CAT mode.

To exit the **CAT mode** , access the **ID mode** and switch off the main power.

9.1.1. IIC mode

Select the IIC mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Action button** on the remote control.

OSD



How to use the IIC mode.

1. Select the alignment **Subject** by **Up/Down buttons** on the remote control.
2 .Select the alignment **Item** by **Left/Right buttons** on the remote control.
3. Adjust **optimum setting** by **Volume Up/Down buttons** on the remote control.
4. The **data is memorized** when press the **R button** on the remote control or change the alignment Subject (or Items).

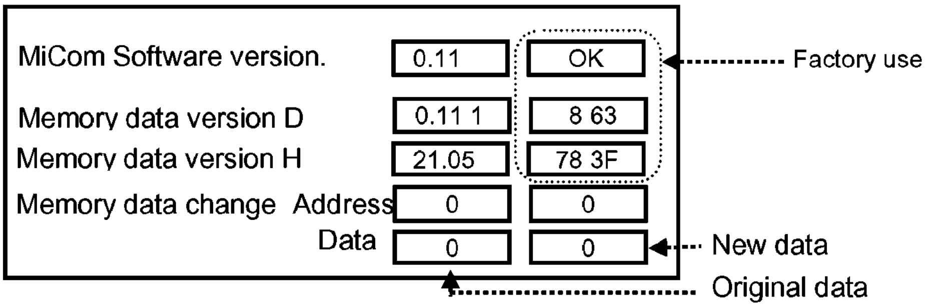
Subject and item are mentioned on page 14.

To exit the IIC mode, press the **R button** on the remote control.

9.1.2. CD mode

Select the CD mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Mute button** on the remote control more than 5 sec.

OSD



MiCom Software version. 0.11 OK

Memory data version D 0.11 1 8 63

Memory data version H 21.05 78 3F

Memory data change Address 0 0

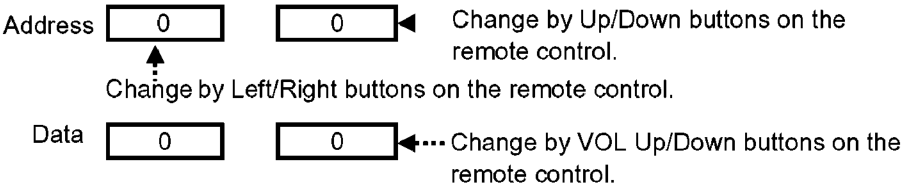
Data 0 0

Factory use
New data
Original data

Micom software version (IC9354), this version can be upgrade by

1. replace of new version IC
2. Loading the new version software from loader tool, TZSC07036.

Memory data change



Address
0
0
Change by Up/Down buttons on the remote control.
Change by Left/Right buttons on the remote control.
Data
0
0
Change by VOL Up/Down buttons on the remote control.

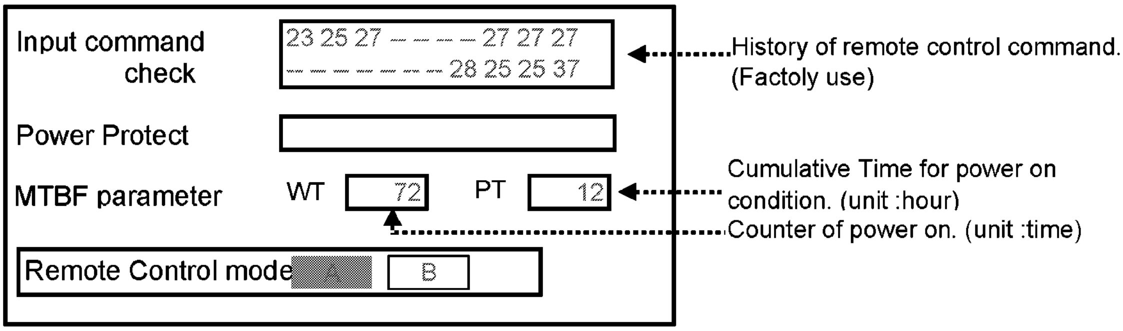
The data is memorized when switch off the main power.

To exit the CD mode, press the **R button** on the remote control.

9.1.3. SD mode

Select the SD mode by Up/Down button on the remote control at the front page of CAT mode then press the Action button on the remote control.

OSD



Input command check 23 25 27 – – – – 27 27 27 – – – – – – – 28 25 25 37

Power Protect

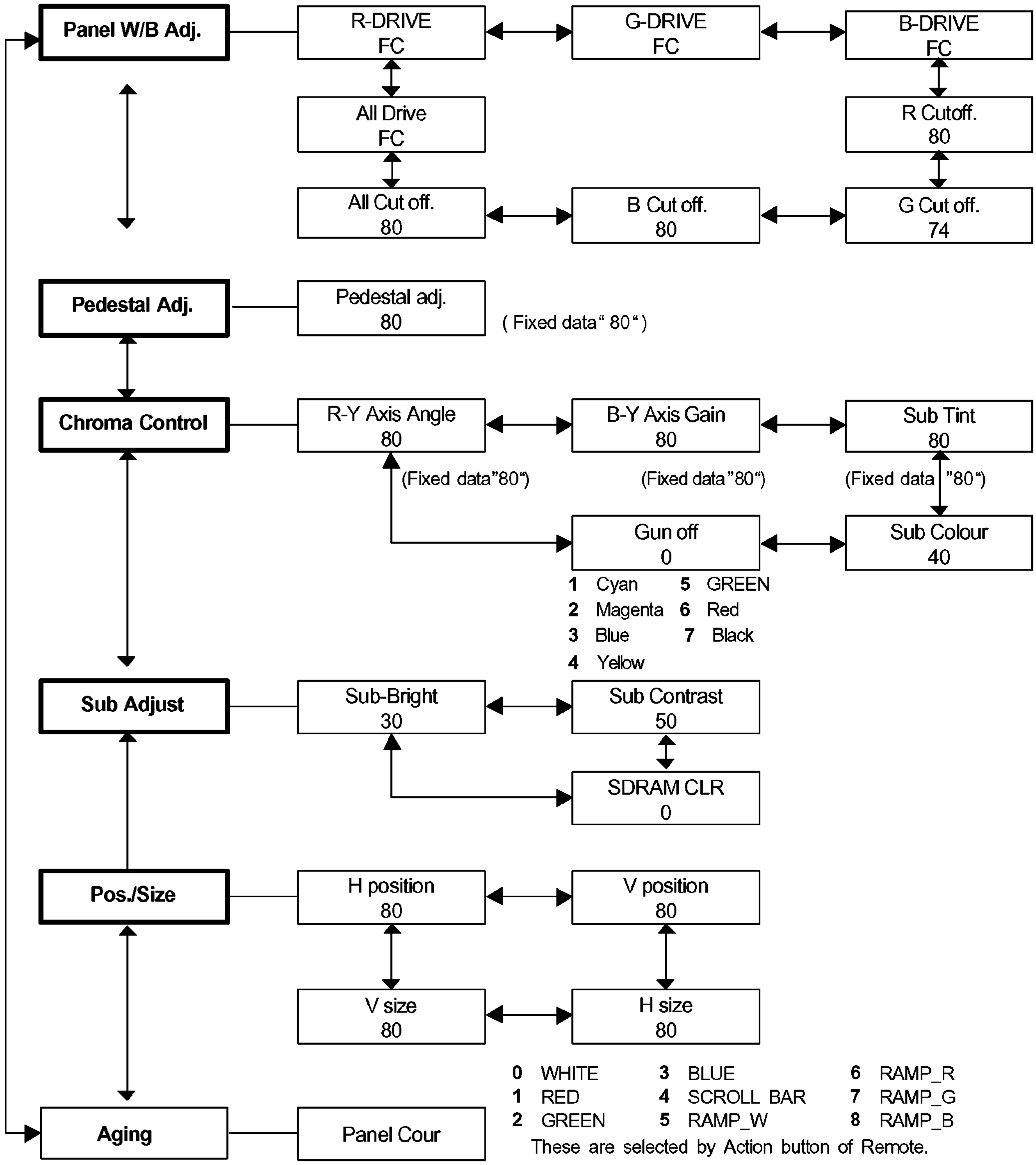
MTBF parameter WT 72 PT 12

Remote Control mode A B

History of remote control command. (Factoly use)
Cumulative Time for power on condition. (unit :hour)
Counter of power on. (unit :time)

To exit the SD mode, press the **R button** on the remote control.

9.2. IIC mode structure (following items value is sample data.)


Panel W/B Adj.
R-DRIVE FC
G-DRIVE FC
B-DRIVE FC
All Drive FC
R Cutoff. 80
All Cut off. 80
B Cut off. 80
G Cut off. 74
Pedestal Adj.
Pedestal adj. 80
(Fixed data“ 80“)
Chroma Control
R-Y Axis Angle 80
B-Y Axis Gain 80
Sub Tint 80
(Fixed data”80“)
(Fixed data”80“)
(Fixed data ”80“)
Gun off 0
Sub Colour 40
Sub Adjust
Sub-Bright 30
Sub Contrast 50
SDRAM CLR 0
Pos./Size
H position 80
V position 80
V size 80
H size 80
Aging
Panel Cour

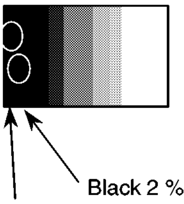
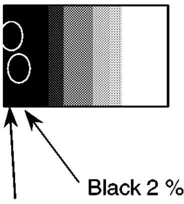
1 Cyan **5** GREEN
2 Magenta **6** Red
3 Blue **7** Black
4 Yellow

0 WHITE **3** BLUE **6** RAMP_R
1 RED **4** SCROLL BAR **7** RAMP_G
2 GREEN **5** RAMP_W **8** RAMP_B

These are selected by Action button of Remote.

10 Alignment

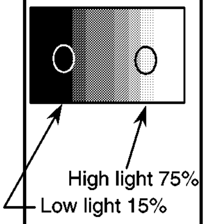
10.1. Pedestal setting

	INPUT	Equipment	Setting	Alignment menu	Procedure
					** Adjust at the dark room.
1	Component (525i, 525p, 625i, 720i or 1080i)		Picture: Normal White balance: **Cool**	PANEL W/B R cut off G cut off B cut off	1) Set R,G and B cut off to " **80** ".
	Gray Scale Pattern 		Aspect: 16:9	Chroma Control: Gun off	2) Set Gun off to "**5**". (Only green pixels can emit.)
				RGB Sub Adjust: G Sub Bright	3) Adjust G Sub bright to start some of green pixels emission at black 2% area and no emission at black 0% area.
				Chroma Control: Gun off	4) Set Gun off to "**3**". (Only blue pixels can emit.)
				RGB Sub Adjust: B Sub Bright	5) Adjust B Sub bright to start some of blue pixels emission at black 2% area and no emission at black 0% area.
				Chroma Control: Gun off	6) Set Gun off to "**6**". (Only red pixels can emit.)
				RGB Sub Adjust: R Sub Bright	7) Adjust R Sub bright to start some of red pixels emission at black 2% area and no emission at black 0% area.
2	RGB(PC) Gray Scale Pattern 		Picture: Normal White balance: **Cool** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change input to RGB signal. 2) Repeat procedure 1) to 7) of Component input signal.

Note:

OSD is the difference between UY/UZ model and Except UY/UZ model.
Picture:Normal (Except UY/UZ)/Standard (UY/UZ model)
White balance (Except UY/UZ)/Color Temp (UY/UZ model)

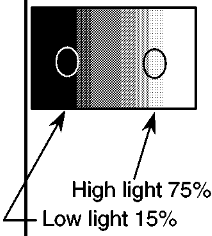
10.2. NTSC panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	NTSC Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: **Cool** Aspect: 16:9	Sub Adjust Sub Bright	1) Find the nearest area to brightness of 10 cd/m$_2$ as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m$_2$ exactly.
				PANEL W/B G cut off	3) Set G cut off to " 80 ".
				PANEL W/B B cut off R cut off	4) Adjust B and R cut off to set color temperature as shown Fig.-01.
				Sub Adjust Sub Bright	5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m$_2$.
					6)Find 75% of white area by color sensor.
				PANEL W/B G Drive	7) Set G Drive to " E8 ".
				PANEL W/B B Drive R Drive	8) Adjust B and R Drive to set color temperature as shown Fig.-01.
					9) Repeat item 4) to 7) to set both Low light and high light.
				PANEL W/B R,G,B Drive R,G,B Drive	10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC".
				PANEL W/B R,G,B cut off	11) Re-adjust Low light level again.
2			Picture: Normal White balance: **Normal** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.
3			Picture: Normal White balance: **Warm** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: **Cool** Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"

Color Temp.	x	y
Cool(Hi)	0.272	0.290
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

Fig. -01

10.3. PAL/SECAM panel white balance

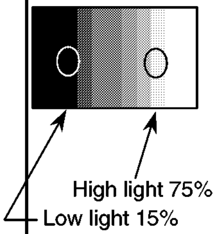
	INPUT	Equipment	Setting	Alignment menu	Procedure
1	PAL Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: **Cool** Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 cd/m$_2$ as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m$_2$ exactly. 3) Set G cut off to " 80 ". 4) Adjust B and R cut off to set color temperature as shown Fig.-02. 5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m$_2$. 6)Find 75% of white area by color sensor. 7) Set G Drive to " E8 ". 8) Adjust B and R Drive to set color temperature as shown Fig.-02. 9) Repeat procedure 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again.
2			Picture: Normal White balance: **Normal** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.
3			Picture: Normal White balance: **Warm** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: **Cool** Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"

Color Temp.	x	y
Cool(Hi)	0.272	0.290
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

Fig. -02

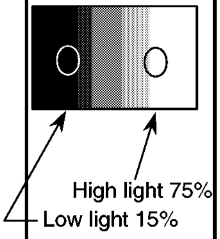
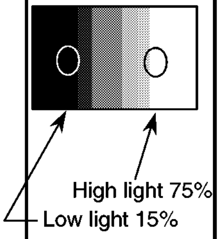
<table>
<tr><th></th><th></th><th>Equipment</th><th>Setting</th><th>Alignment menu</th><th>Procedure</th></tr>
<tr><td>5</td><td></td><td></td><td>Picture:
Normal
Aspect:
16:9
White balance:
Cool
Normal
Warm</td><td></td><td>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.
<table>
<tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr>
<tr><td>R Drive</td><td></td><td></td><td></td></tr>
<tr><td>G Drive</td><td></td><td></td><td></td></tr>
<tr><td>B Drive</td><td></td><td></td><td></td></tr>
<tr><td>R Cut off</td><td></td><td></td><td></td></tr>
<tr><td>G Cut off</td><td></td><td></td><td></td></tr>
<tr><td>B Cut off</td><td></td><td></td><td></td></tr>
</table></td></tr>
<tr><td></td><td>SECAM signal</td><td></td><td></td><td></td><td>2) Input SECAM signal.
3) Copy PAL R,G,B drive and cut off data of each white balance mode to SECAM position.</td></tr>
</table>

10.4. PC/RGB panel white balance

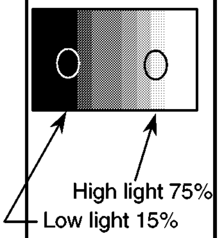
	INPUT	Equipment	Setting	Alignment menu	Procedure
1	PC Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: **Cool** Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 cd/m$_2$ as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m$_2$ exactly. 3) Set G cut off to " 80 ". 4) Adjust B and R cut off to set color temperature as shown Fig.-03. 5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m$_2$. 6)Find 75% of white area by color sensor. 7) Set G Drive to " E8 ". 8) Adjust B and R Drive to set color temperature as shown Fig.-03. 9) Repeat item 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again.
2			Picture: Normal White balance: **Normal** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.
3			Picture: Normal White balance: **Warm** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: **Cool** Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"

Color Temp.	x	y
Cool(Hi)	0.272	0.290
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

Fig. -03

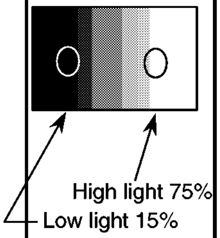
<table>
<tr><th></th><th>INPUT</th><th>Equipment</th><th>Setting</th><th>Alignment menu</th><th>Procedure</th></tr>
<tr><td>5</td><td>RGB
Gray Scale
Pattern
 </td><td></td><td>Picture:
Normal
Aspect:
16:9
White balance:
Cool
Normal
Warm</td><td></td><td>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.
<table><tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table>
2) Input RGB signal.
3) Copy PC R,G,B drive and cut off data of each white balance mode to RGB position.</td></tr>
<tr><td>6</td><td>DVI
Gray Scale
Pattern
 </td><td></td><td>Picture:
Normal
Aspect:
16:9
White balance:
Cool
Normal
Warm</td><td></td><td>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.
<table><tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table>
2) Input DVI signal.
3) Copy PC R,G,B drive and cut off data of each white balance mode to DVI position.</td></tr>
</table>

10.5. HD/ 525i /525p panel white balance

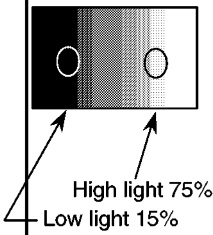
	INPUT	Equipment	Setting	Alignment menu	Procedure
1	HD (720i or 1080i) Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: **Cool** Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 cd/m$_2$ as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m$_2$ exactly. 3) Set G cut off to " 80 ". 4) Adjust B and R cut off to set color temperature as shown Fig.-04. 5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m$_2$. 6)Find 75% of white area by color sensor. 7) Set G Drive to " E8 ". 8) Adjust B and R Drive to set color temperature as shown Fig.-04. 9) Repeat item 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again.
2			Picture: Normal White balance: **Normal** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.
3			Picture: Normal White balance: **Warm** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: **Cool** Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"

Color Temp.	x	y
Cool(Hi)	0.272	0.290
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

Fig. -04

<table>
<tr><th></th><th>INPUT</th><th>Equipment</th><th>Setting</th><th>Alignment menu</th><th>Procedure</th></tr>
<tr>
<td>5</td>
<td>RGB
Gray Scale
Pattern
 </td>
<td></td>
<td>Picture:
Normal
Aspect:
16:9
White balance:
Cool
Normal
Warm</td>
<td></td>
<td>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.
<table>
<tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr>
<tr><td>R Drive</td><td></td><td></td><td></td></tr>
<tr><td>G Drive</td><td></td><td></td><td></td></tr>
<tr><td>B Drive</td><td></td><td></td><td></td></tr>
<tr><td>R Cut off</td><td></td><td></td><td></td></tr>
<tr><td>G Cut off</td><td></td><td></td><td></td></tr>
<tr><td>B Cut off</td><td></td><td></td><td></td></tr>
</table>
2)Change input signal to 525i and 525p.
3) Copy HD drive and cut off data of each white balance mode to each signals position.</td>
</tr>
</table>

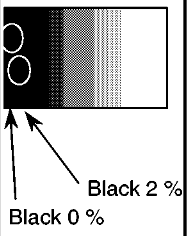
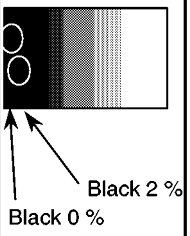
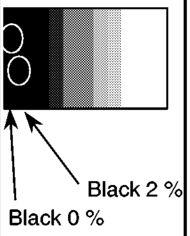
10.6. 625i panel balance

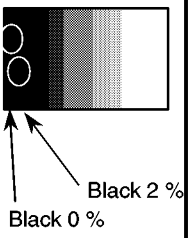
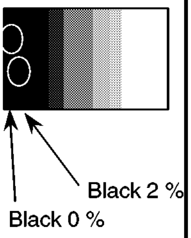
	INPUT	Equipment	Setting	Alignment menu	Procedure
1	625i Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: **Cool** Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 $\mathrm{cd/m_2}$ as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 $\mathrm{cd/m_2}$ exactly. 3) Set G cut off to " 80 ". 4) Adjust B and R cut off to set color temperature as shown Fig.-05. 5) If Sub Bright is changed re-adjust it to set Low light to 10 $\mathrm{cd/m_2}$. 6)Find 75% of white area by color sensor. 7) Set G Drive to " E8 ". 8) Adjust B and R Drive to set color temperature as shown Fig.-05. 9) Repeat item 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again.
2			Picture: Normal White balance: **Normal** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.
3			Picture: Normal White balance: **Warm** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: **Cool** Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"

Color Temp.	x	y
Cool(Hi)	0.272	0.290
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

Fig. -05

10.7. Sub brightness setting

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	NTSC Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.
2	PAL Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.
	SECAM Gray Scale Pattern				8) Change to SECAM signal. 9) Copy PAL All cut off data to SECAM mode.
3	PC Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.
	RGB Gray Scale Pattern				8) Change to RGB input signal. 9) Copy PC All cut off data to RGB mode.
	DVI Gray Scale Pattern				10) Change to DVI input signal. 11) Copy PC All cut off data to DVI mode.

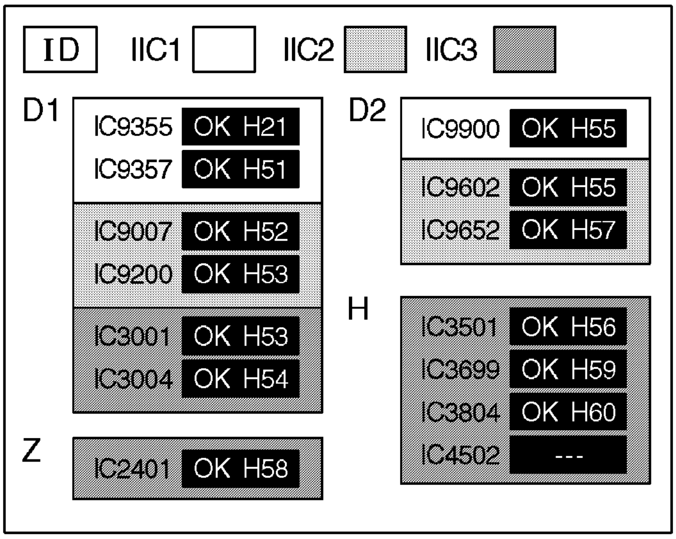
	INPUT	Equipment	Setting	Alignment menu	Procedure
4	525i Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.
	525p Gray Scale Pattern				8) Change to 525p signal. 9) Copy 525i All cut off data to 525p mode.
	HD (720i or 1080i) Gray Scale Pattern				8) Change to HD signal. 9) Copy 525i All cut off data to HD mode.
5	625i Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.

11 Trouble shooting guide

11.1. Self Check

11.1.1. Display Indication

1. Self-check is used to automatically check the bus line controlled circuit of the Plasma display.
2. To get into the Self-check mode, press the **volume down** button on the customer controls at the front of the set, at the same time pressing the **OFF-TIMER** button on the remote control, and the screen will show :-



ID IIC1 ☐ IIC2 ▨ IIC3 ▨

D1
IC9355 OK H21
IC9357 OK H51
IC9007 OK H52
IC9200 OK H53
IC3001 OK H53
IC3004 OK H54

Z
IC2401 OK H58

D2
IC9900 OK H55
IC9602 OK H55
IC9652 OK H57

H
IC3501 OK H56
IC3699 OK H59
IC3804 OK H60
IC4502 ---

If the CCU ports have been checked and found to be incorrect Or not located then " - - " will appear in place of " OK "

Note:

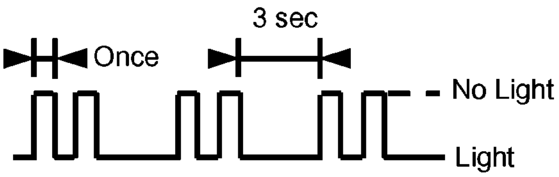
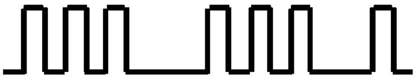
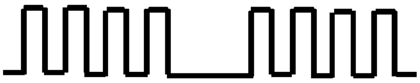
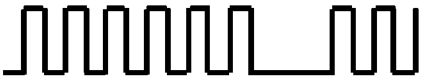
In case of disconnected of H/HY/HZ “IC3699 - -” is displayed.

11.1.2. Power LED Blinking timing chart

1. Subject

   Information of LED Flashing timing chart.
2. Contents

   When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

Blinking times	Blink timing	Contents & Check point
Twice		SC,SS,C board
Three		D board
Four		P board (Check P7,P8 protection circuits)
Six		Fan circuit / Fan stop Check Pin3 of P10 to P13 connectors.

3. Remarks

   Above Fan function is operated during the fans are installed.

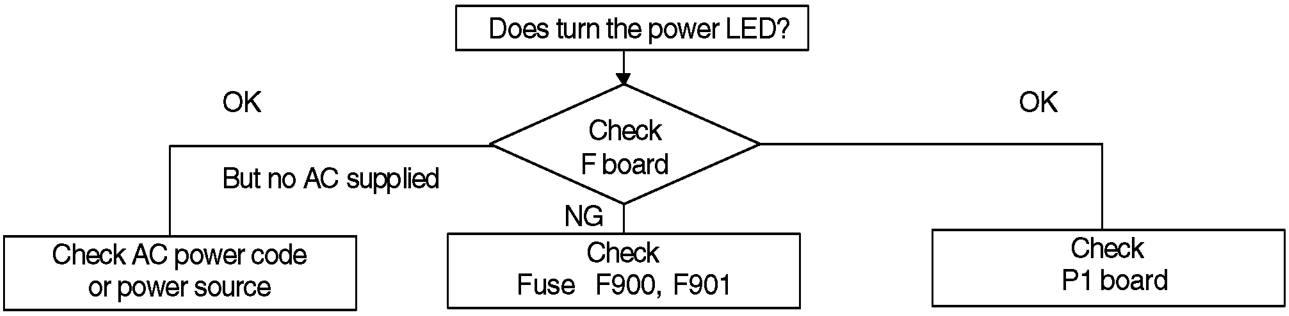
11.2. No Power

First check point

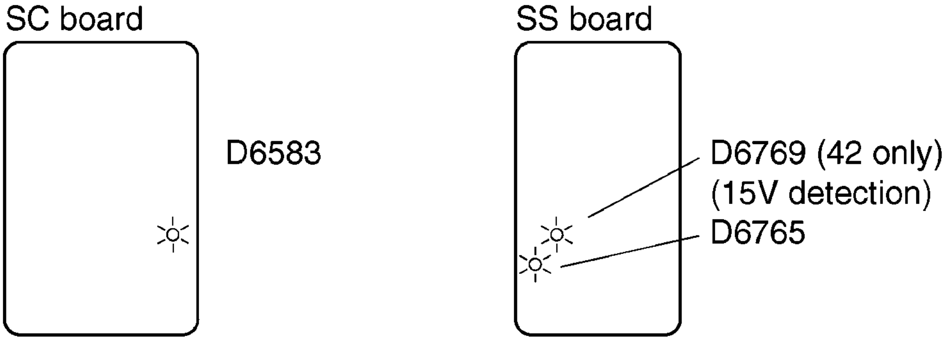
There are following 3 states of No Power indication by power LED.

1. No lit
2. Green is lit then turns red blinking a few seconds later.
3. Only red is lit.

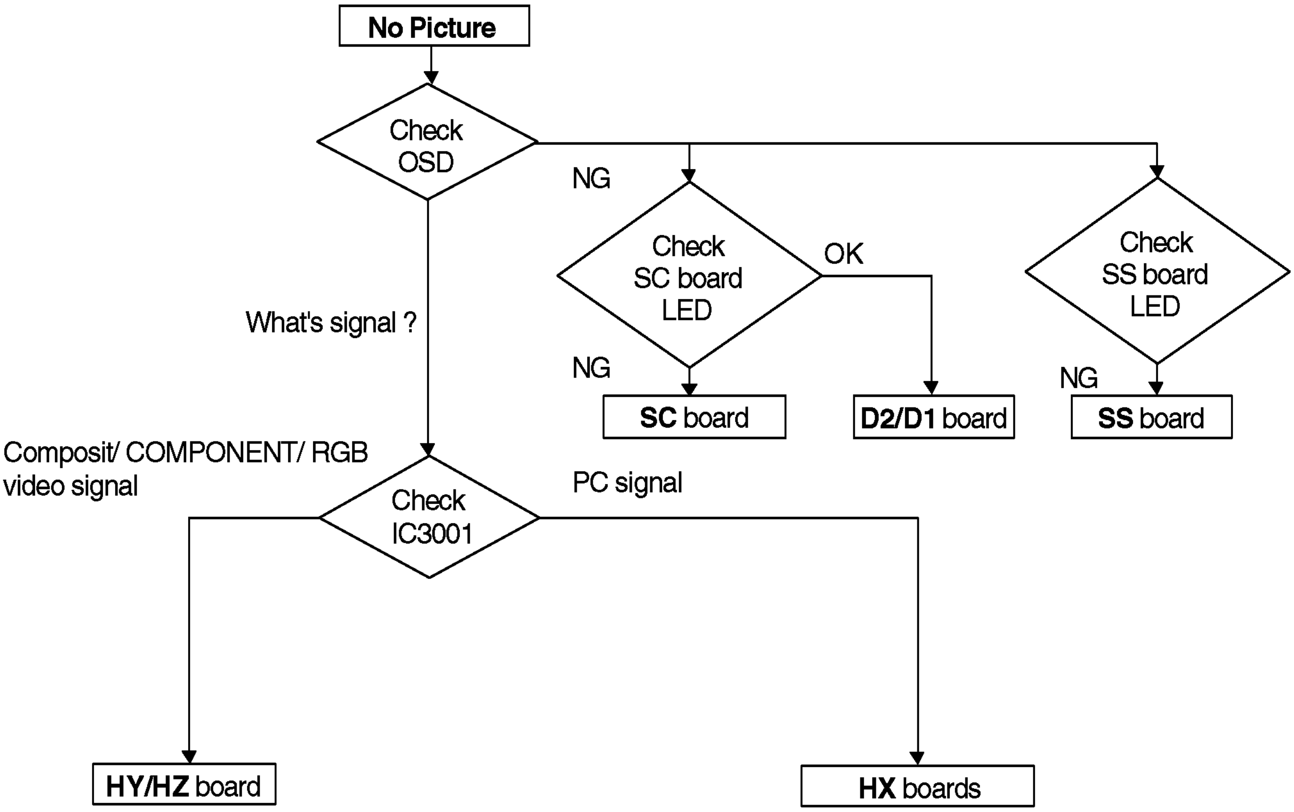
1. No lit


Does turn the power LED?
Check
F board
OK
But no AC supplied
Check AC power code
or power source
NG
Check
Fuse F900, F901
OK
Check
P1 board

Drive circuits LED indicator

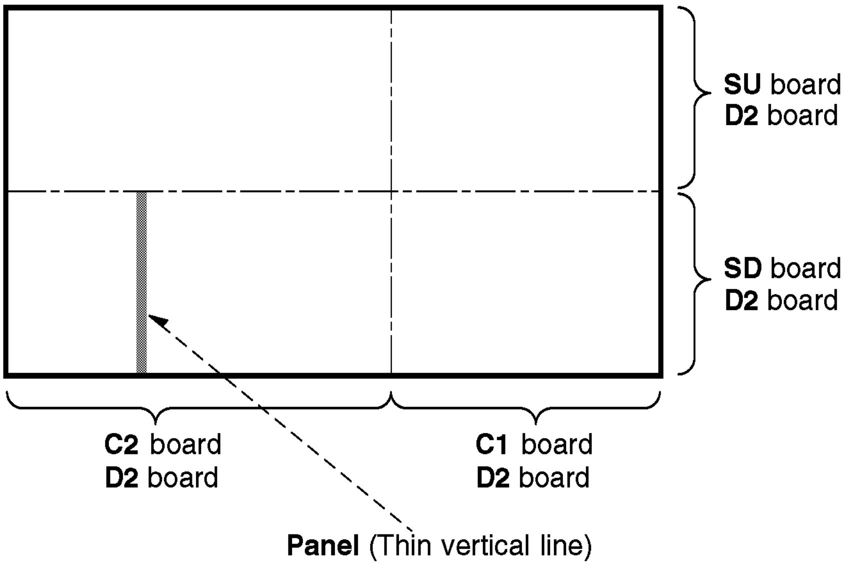

SC board
D6583
SS board
D6769 (42 only)
(15V detection)
D6765

11.3. No Picture


No Picture
Check OSD
NG
Check SC board LED
OK
NG
SC board
D2/D1 board
Check SS board LED
NG
SS board
What's signal ?
Composit/ COMPONENT/ RGB video signal
Check IC3001
PC signal
HY/HZ board
HX boards

11.4. Local screen failure

Plasma display may have local area failure on the screen. Fig - 1 is the possible defect P.C.B. for each local area.


SU board
D2 board
SD board
D2 board
C2 board
D2 board
C1 board
D2 board
Panel (Thin vertical line)

<Local screen failure chart>

Fig - 1

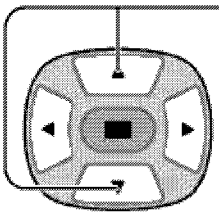
12 Option Setting

How to access the Option menu

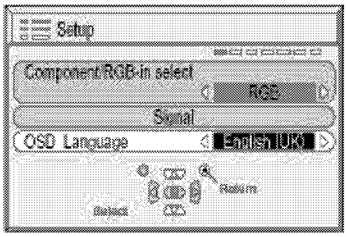
1

Press to display the Setup menu.

2



Press to select OSD Language.


Setup
Component/RGB-in select
RGB
Signal
Return
Select

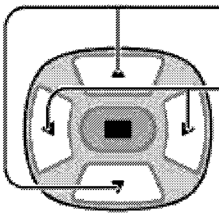
OSD Language English (UK)

3

Press down for more than 3 seconds to display the Option menu.

Setting the Option menus

1



Press to select the desired item.

Press to select the desired function.

The option menu will disappear 60 seconds after operation.

2

Press to exit Option menu.

Hidden Option Menu for GP5D series

GP5D chassis series have special function and operation setting facility called Option Menu. This Option Menu is useful for special function required customers. This should be set at the installation stage. The end user could not set or change these becauseof hidden On screen menu.

Option menus	default setting	Contents
Wobbling	Off	Wobbling operation On/Off. The outline of burnt image will be blurred by intermittent image sift.
Off-timer function	Enable	Off-timer operation Enable/Disable.
On Screen display	On	Enable/Disable to display input mode indication after power on and no signal indication.
Initial Input	Off	Sets the initial input mode when the power is turned on . Allow input mode selection while power is on.
Initial VOL. level	Off	Sets the initial volume level when the power is turned on. Allow Volume control while power is on.
Maximum VOL. Level	Off	Sets the maximum volume to desired level. Volume cannot exceed this level.
INPUT lock	Off	Fixes the input mode to AV, Component/RGB or PC. Can not change input mode by input selection key.
Button lock	Off	Enable/Disable front operation buttons (Input and/or volume up/down)
Studio W/B	Off	Set warm mode color temperature to 3,200 Kelvin.
Remocon User Level	Off	Remote key invalidation. Off : Valid key is all key of remote. User1 : Valid key are only Stand-by (ON/OFF), Input, Status, Surround, Sound mute On/Off, and volume adjustment. User2: Valid key is only Stand-by (ON/OFF). User3 : All keys are null and void
ID Select	0 to 100	Set ID number from 001 to 100.
Remote ID	Off	Remote ID function On/Off. (While the Remote ID on, standard remote function can not control the unit.)
Serial	Off	Serial ID function On/Off

Note :

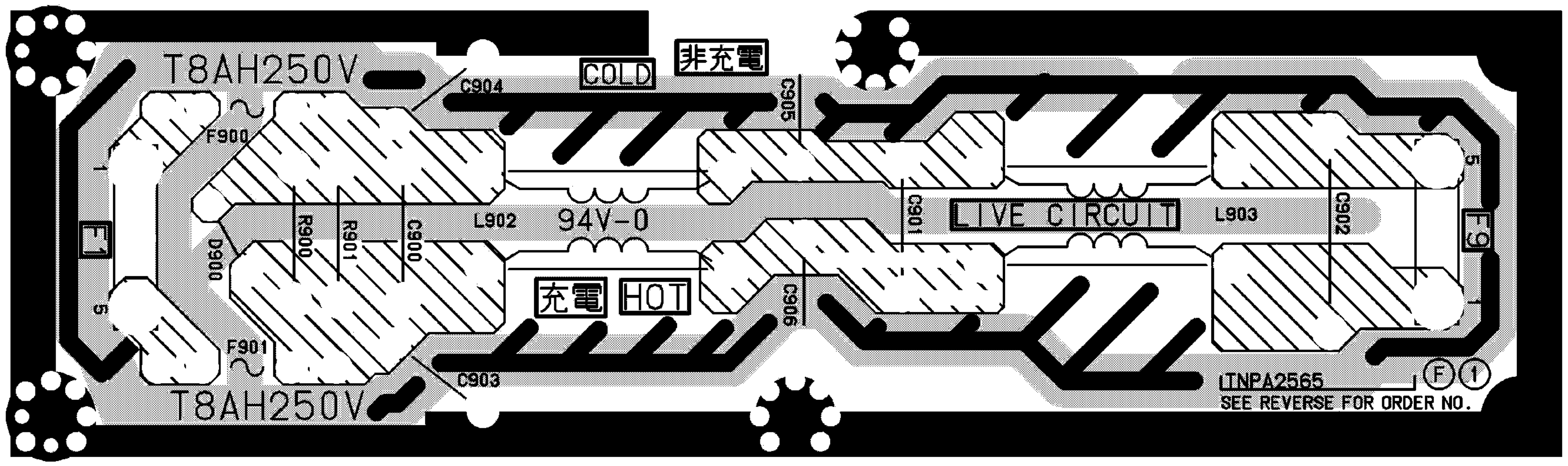
How to set Remocon User Level and Remote ID off

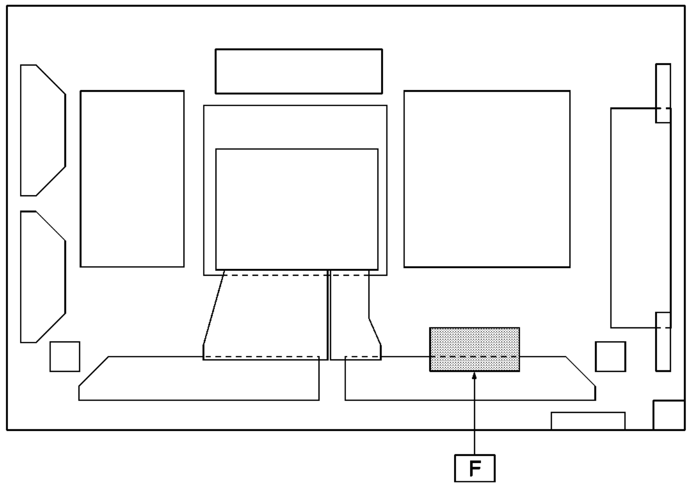
1. Access service mode (CAT-mode) and press SET UP key on remote.
2. Accsess Hidden option menu.
3. Change Remocon User Level and/ or Remote ID set to Off.

13 Conductor Views

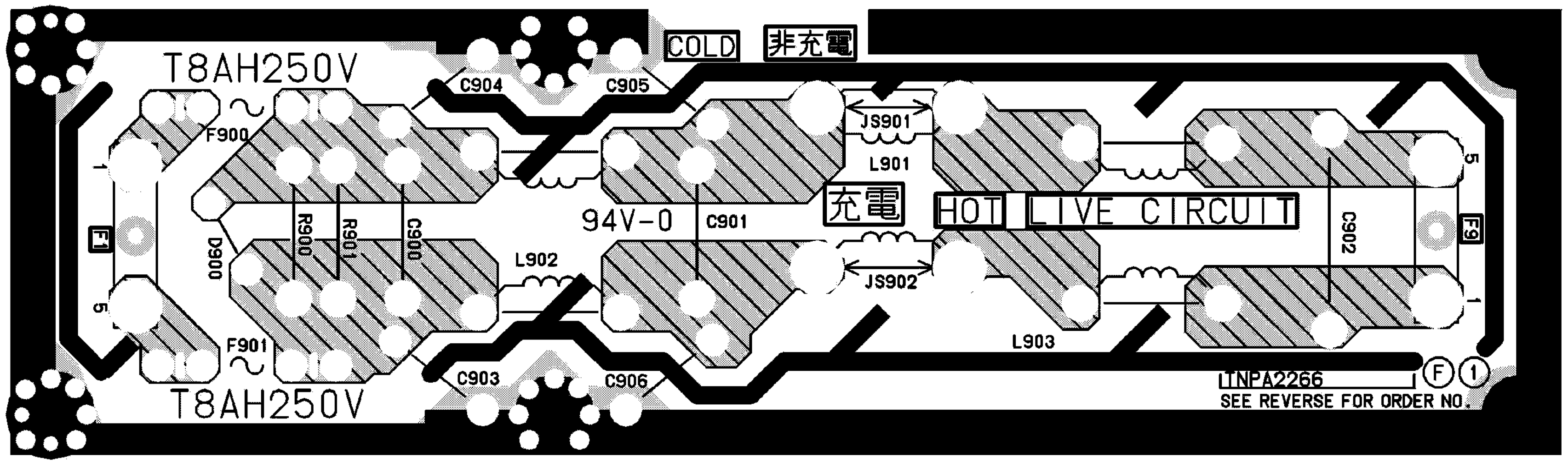
13.1. F-Board

F-BOARD
TXN/F10MMS (UY/UZ VERSION)


T8AH250V
F900
C904
COLD
非充電
C905
R900
R901
C900
D900
L902
94V-0
C901
LIVE CIRCUIT
L903
C902
F9
F1
充電
HOT
C906
F901
C903
T8AH250V
TNPA2565
SEE REVERSE FOR ORDER NO.
F
1
5



F-BOARD
TXN/F1MMSE (Except UY/UZ VERSION)

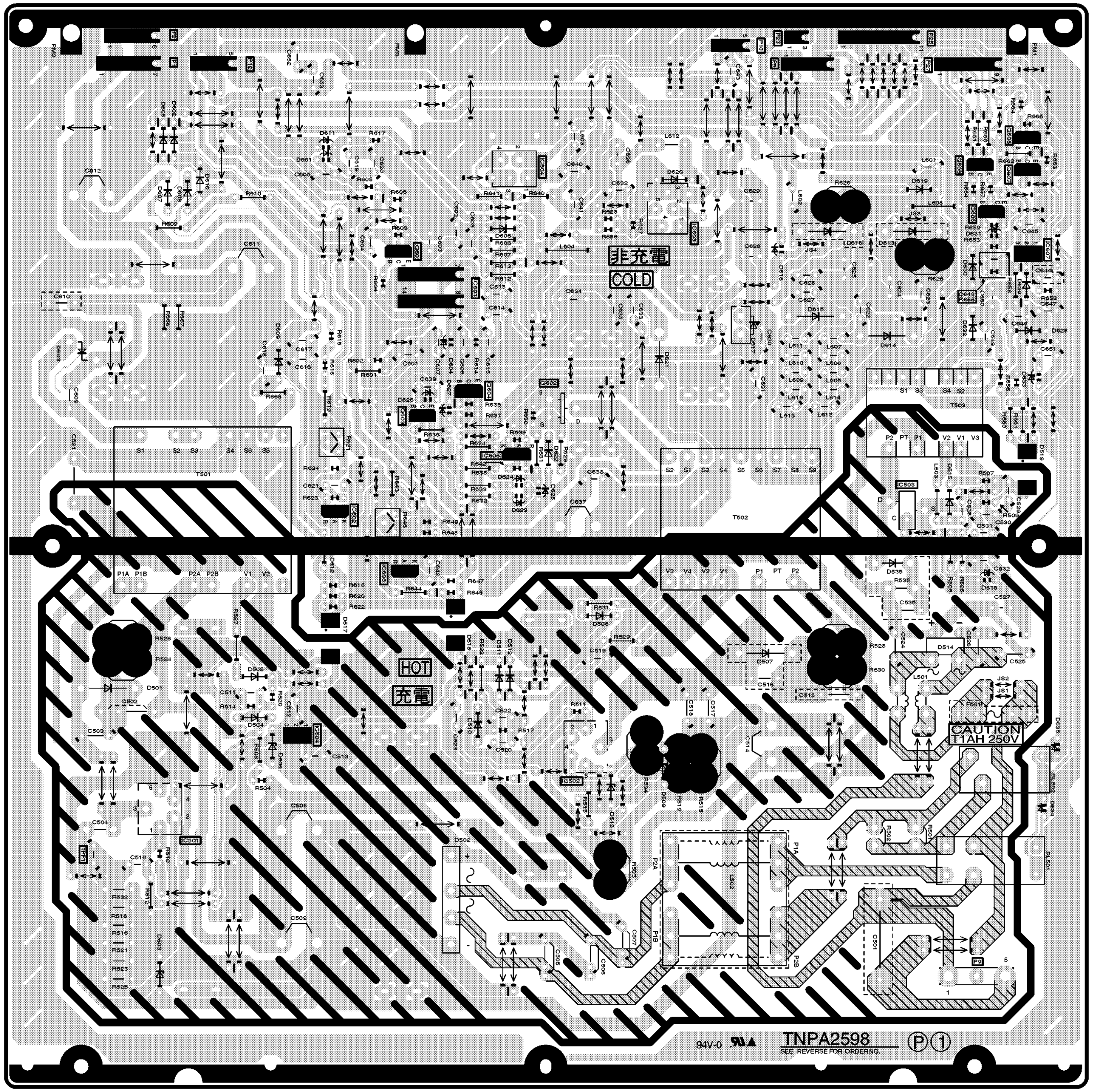

T8AH250V
F900
C904
C905
COLD
非充電
JS901
L901
R900
R901
C900
D900
94V-0
C901
充電
HOT
LIVE CIRCUIT
C902
F9
F1
L902
JS902
L903
F901
C903
C906
T8AH250V
TNPA2266
SEE REVERSE FOR ORDER NO.
F
1
5

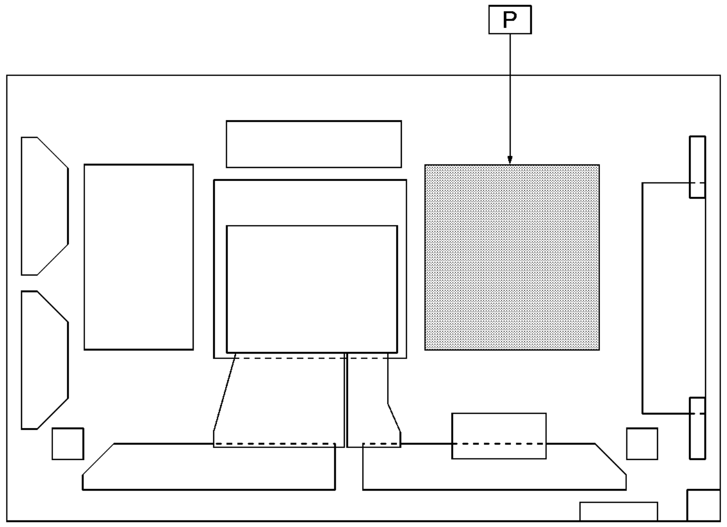
TH-42PW5UZ/TH-42PWD5UY/TH-37PWD5UY F-Board TXN/F10MMS
EXCEPT TH-42PW5UZ/TH-42PWD5UY/TH-37PWD5UY F-Board TXN/F10MME

TH-42PW5UZ/TH-42PWD5UY/TH-37PWD5UY F-Board TXN/F10MMS
EXCEPT TH-42PW5UZ/TH-42PWD5UY/TH-37PWD5UY F-Board TXN/F10MME

13.2. P-Board (UY/UZ Version)

P-BOARD
TNPA2598 (UY/UZ VERSION)


非充電
COLD
HOT
充電
CAUTION
T1AH 250V
TNPA2598
94V-0
SEE REVERSE FOR ORDERNO.
T501
T502
T503



Parts Location

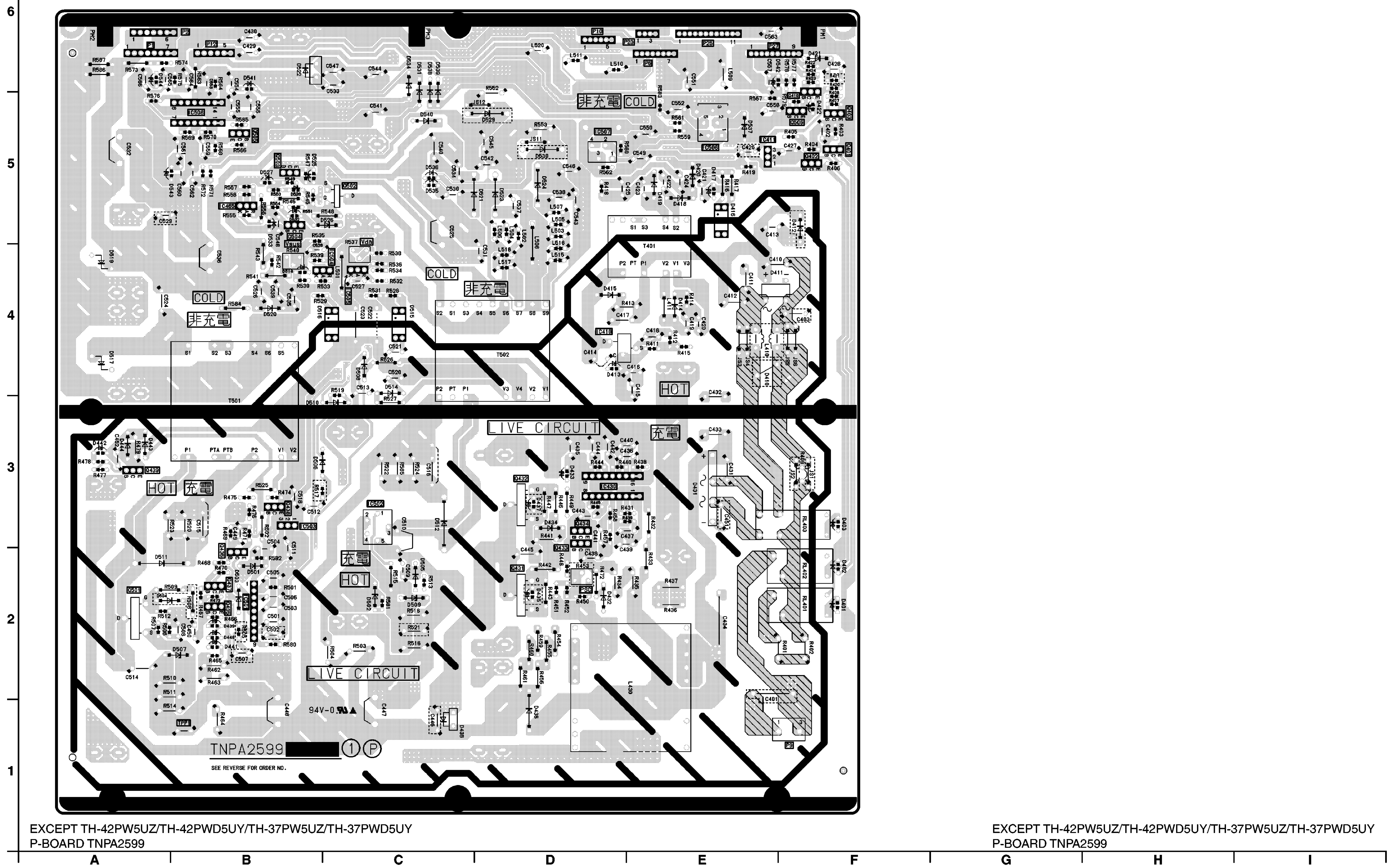
P-BOARD			
IC		**TRANSISTOR**	
IC501	B-2	Q601	C-5
IC502	D-2	Q602	C-4
IC503	E-4	Q603	C-4
IC504	B-2	Q604	C-4
IC601	C-5	Q605	E-5
IC602	C-4	Q606	E-5
IC603	D-5	Q607	F-5
IC604	C-5	Q608	F-5
IC605	C-4	**TP**	
IC606	C-3	TPP1	A-2
IC607	F-5		

TH-42PW5UZ/TH-42PWD5UY/TH-37PW5UZ/TH-37PWD5UY
P-BOARD TNPA2598

TH-42PW5UZ/TH-42PWD5UY/TH-37PW5UZ/TH-37PWD5UY
P-BOARD TNPA2598

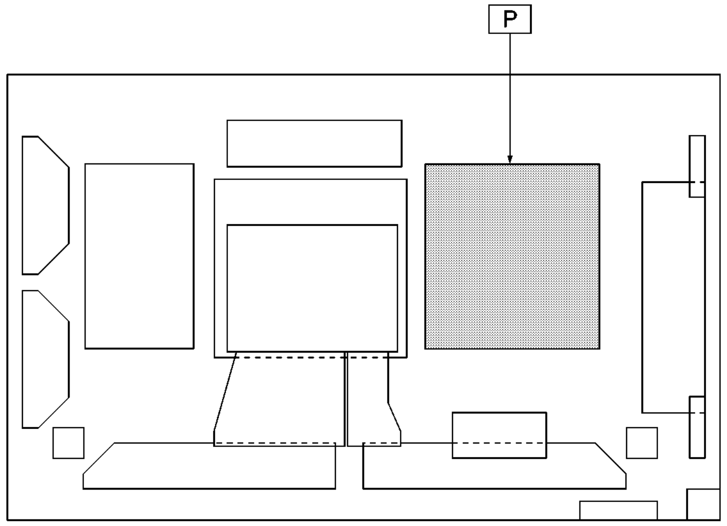
13.3. P-Board (Except UY/UZ Version)

P-BOARD (FOIL SIDE)
TNPA2590 (EXCEPT UY/UZ VERSION)


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
COLD
非充電
COLD
非充電
COLD
非充電
HOT
LIVE CIRCUIT
充電
HOT
充電
充電
HOT
LIVE CIRCUIT
94V-0
TNPA2599
①Ⓟ
SEE REVERSE FOR ORDER NO.

EXCEPT TH-42PW5UZ/TH-42PWD5UY/TH-37PW5UZ/TH-37PWD5UY
P-BOARD TNPA2599

EXCEPT TH-42PW5UZ/TH-42PWD5UY/TH-37PW5UZ/TH-37PWD5UY
P-BOARD TNPA2599



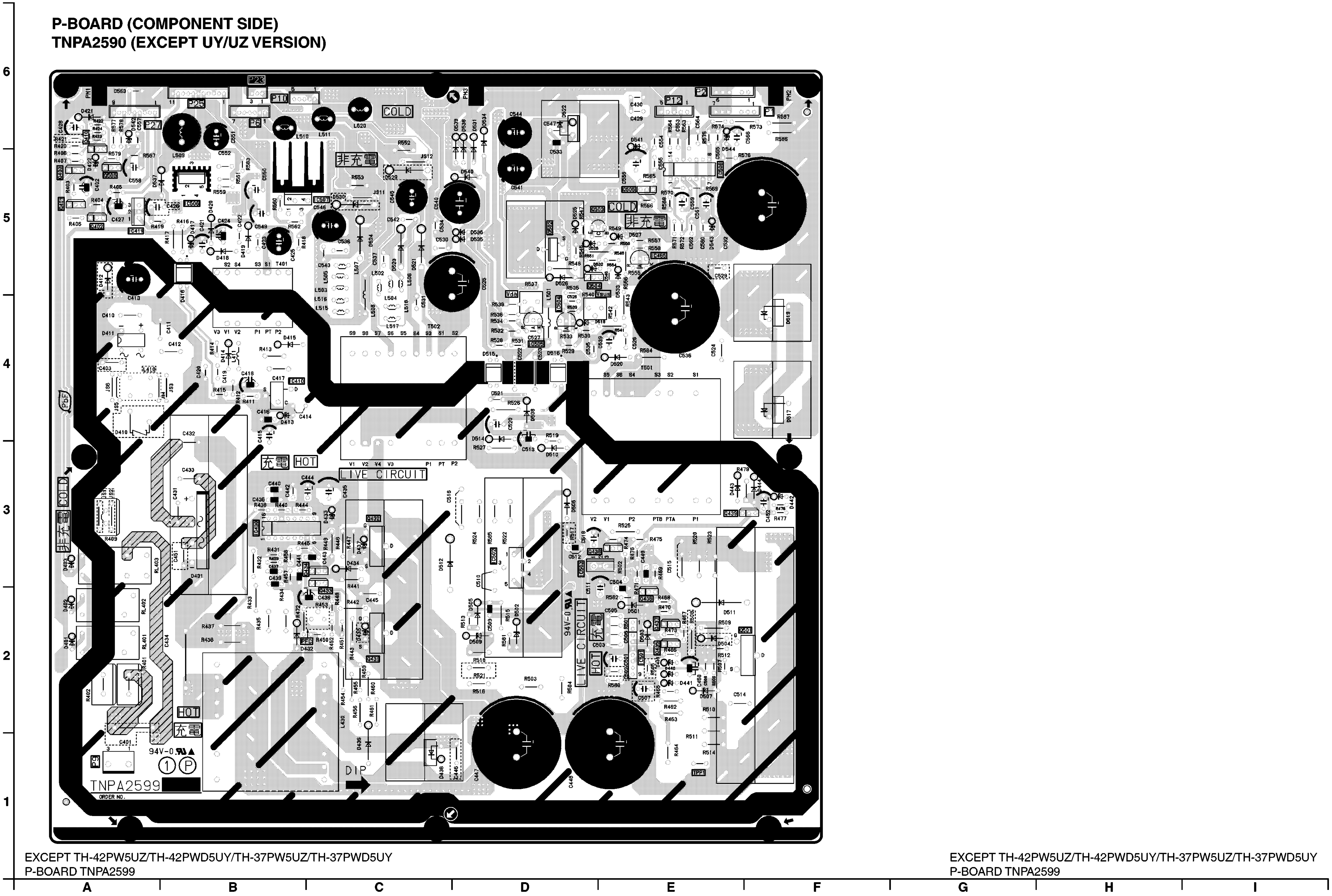
Parts Location

P-BOARD (FOIL SIDE)					
IC		**TRANSISTOR**		**TP**	
IC410	D-4	Q401	F-5	TPP1	B-1
IC411	E-5	Q402	F-5		
IC430	D-3	Q403	F-5		
IC465	B-5	Q410	F-5		
IC501	B-2	Q431	D-2		
IC502	C-3	Q432	D-3		
IC503	B-3	Q433	D-3		
IC504	C-4	Q434	D-3		
IC505	C-4	Q435	B-2		
IC506	E-5	Q436	B-2		
IC507	D-5	Q437	B-2		
IC508	B-5	Q438	B-3		
		Q439	A-3		
		Q501	A-2		
		Q502	C-5		
		Q503	B-5		
		Q504	B-5		
		Q505	B-5		
		Q506	F-5		

Parts Location

P-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		**TP**	
IC410	B-4	Q401	A-5	TPP1	E-1
IC411	A-5	Q402	A-5		
IC430	B-3	Q403	A-5		
IC465	E-5	Q410	A-6		
IC501	E-2	Q431	C-2		
IC502	D-3	Q432	C-3		
IC503	D-3	Q433	C-2		
IC504	D-4	Q434	C-3		
IC505	D-4	Q435	E-2		
IC506	B-5	Q436	E-2		
IC507	C-5	Q437	E-2		
IC508	E-5	Q438	E-3		
		Q439	E-3		
		Q501	E-2		
		Q502	D-5		
		Q503	D-5		
		Q504	D-5		
		Q505	E-5		
		Q506	A-5		

P-BOARD (COMPONENT SIDE)
TNPA2590 (EXCEPT UY/UZ VERSION)

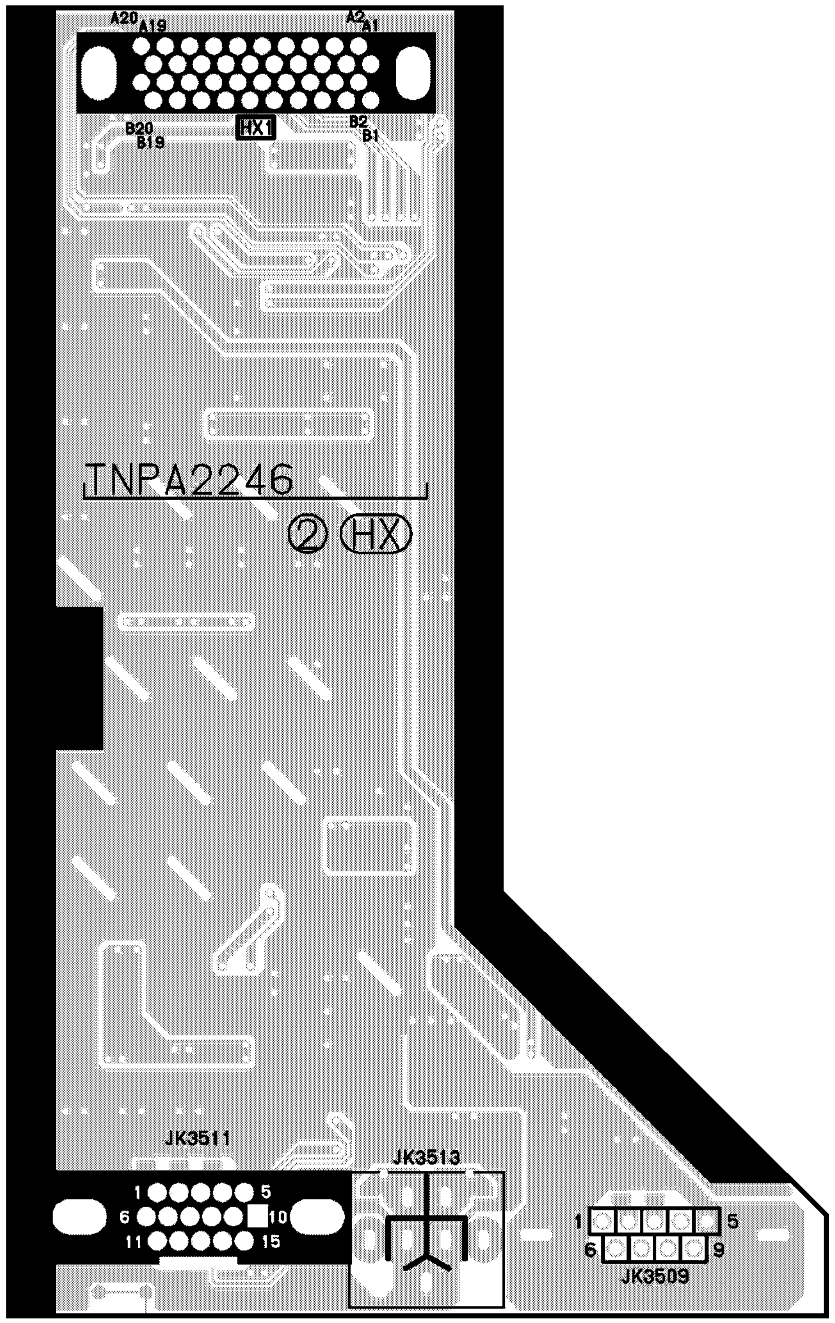

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
COLD
HOT
LIVE CIRCUIT
非充電
充電
TNPA2599
ORDER NO.
94V-0
DIP
PbF

EXCEPT TH-42PW5UZ/TH-42PWD5UY/TH-37PW5UZ/TH-37PWD5UY
P-BOARD TNPA2599

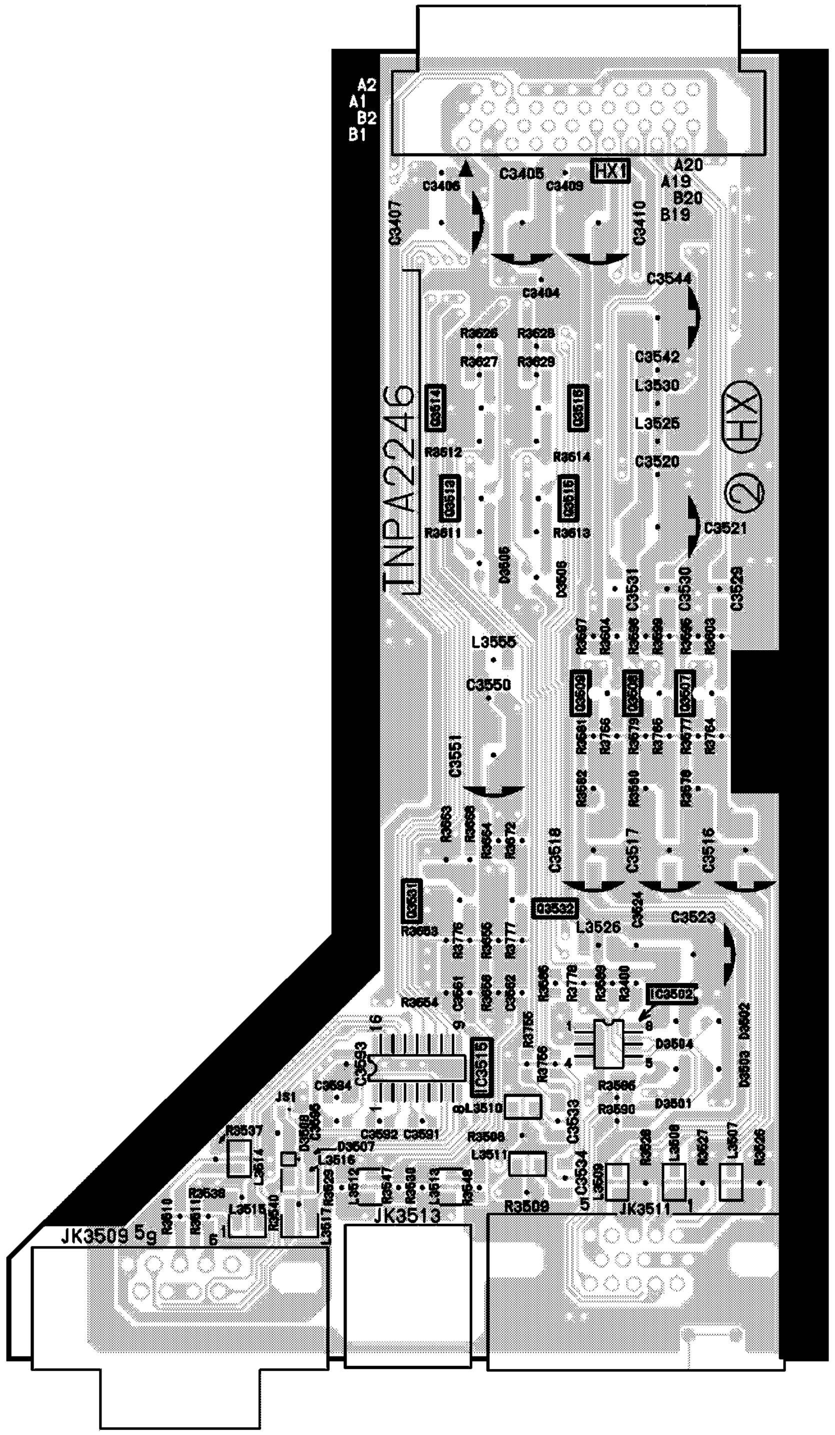
EXCEPT TH-42PW5UZ/TH-42PWD5UY/TH-37PW5UZ/TH-37PWD5UY
P-BOARD TNPA2599

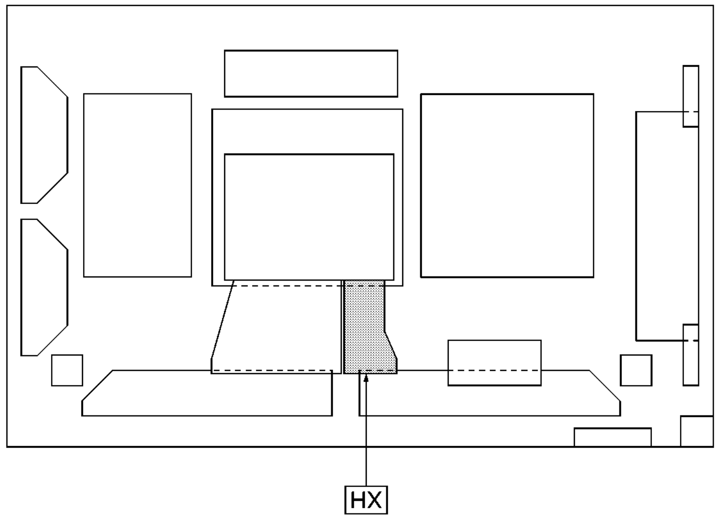
13.4. HX-Board

HX-BOARD(FOIL SIDE)
TZTNP020JAS


A20
A19
A2
A1
B20
B19
HX1
B2
B1
TNPA2246
② HX
JK3511
1
5
6
10
11
15
JK3513
1
5
6
9
JK3509

HX-BOARD(COMPONENT SIDE)
TZTNP020JAS


A2
A1
B2
B1
C3406
C3405
C3409
HX1
A20
A19
B20
B19
C3407
C3410
C3404
C3544
R3626
R3628
R3627
R3629
C3542
L3530
L3525
C3520
Q3514
Q3516
R3612
R3614
Q3513
Q3515
R3611
R3613
C3521
TNPA2246
② HX
D3505
D3506
C3531
C3530
C3529
R3587
R3604
R3586
R3589
R3585
R3603
L3555
C3550
Q3509
Q3508
Q3507
R3581
R3766
R3579
R3765
R3577
R3764
C3551
R3582
R3580
R3578
R3663
R3666
R3664
R3672
C3518
C3517
C3516
Q3531
Q3532
R3653
R3776
R3655
R3777
L3526
C3524
C3523
R3654
C3561
R3656
C3562
R3595
R3778
R3588
R3480
IC3502
16
9
1
8
4
5
D3504
D3502
D3503
C3593
IC3515
R3755
R3756
C3594
JS1
R3596
D3501
R3590
C3592
C3591
L3510
R3598
C3533
R3537
D3508
C3596
D3507
L3516
L3514
L3511
C3534
R3528
L3508
R3527
L3507
R3526
R3538
L3515
R3540
R3539
L3512
R3547
R3539
L3513
R3548
R3510
R3511
L3517
L3509
JK3509
5
9
6
1
JK3513
R3509
JK3511



Parts Location

HX-BOARD			
IC		TRANSISTOR	
IC3502	F-2	Q3507	F-3
IC3515	E-2	Q3508	F-3
		Q3509	F-3
		Q3513	E-4
		Q3514	E-4
		Q3515	F-4
		Q3516	F-4
		Q3531	E-3
		Q3532	F-3

6
5
4
3
2
1

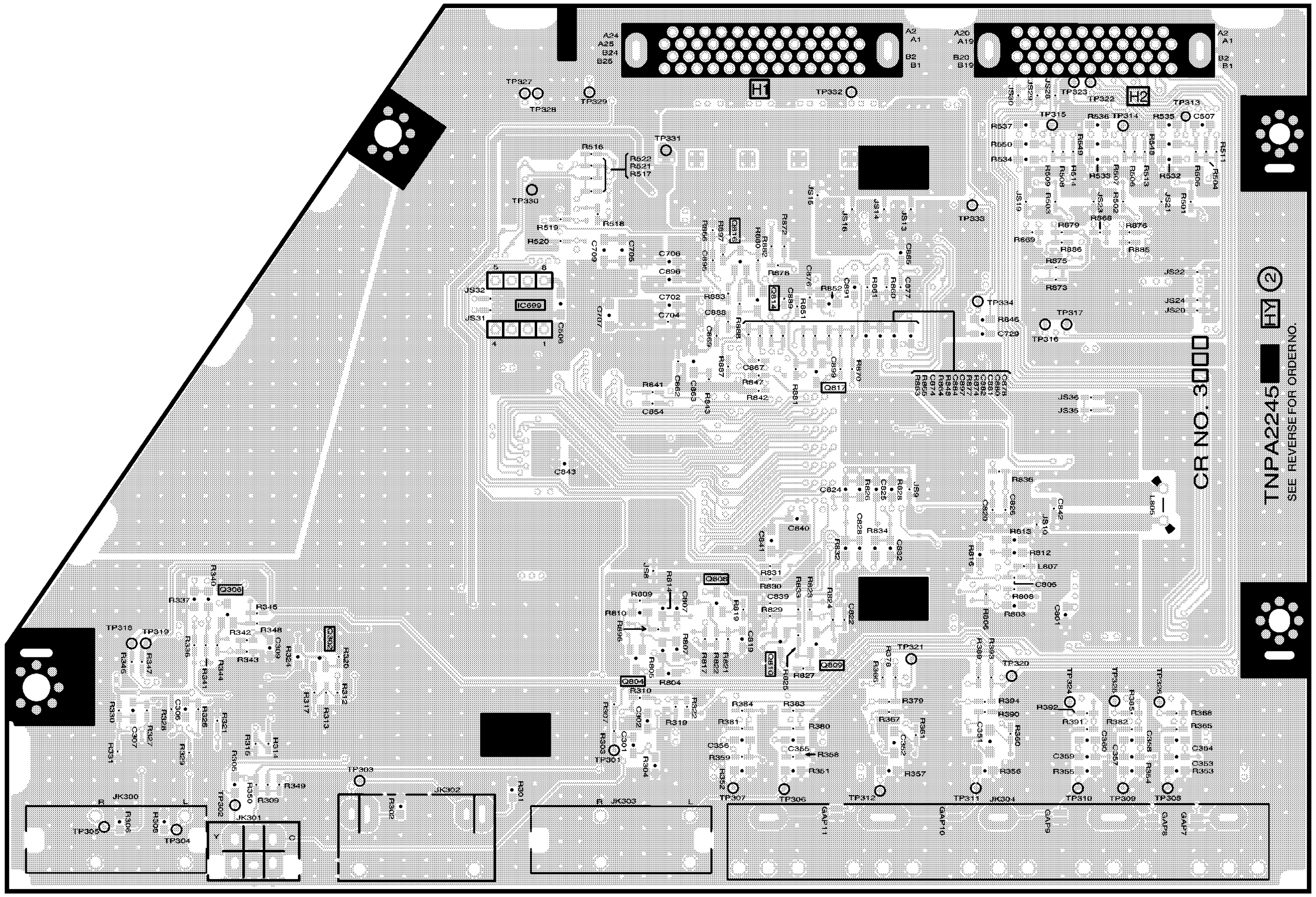
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HX-BOARD TZTNP020JAS

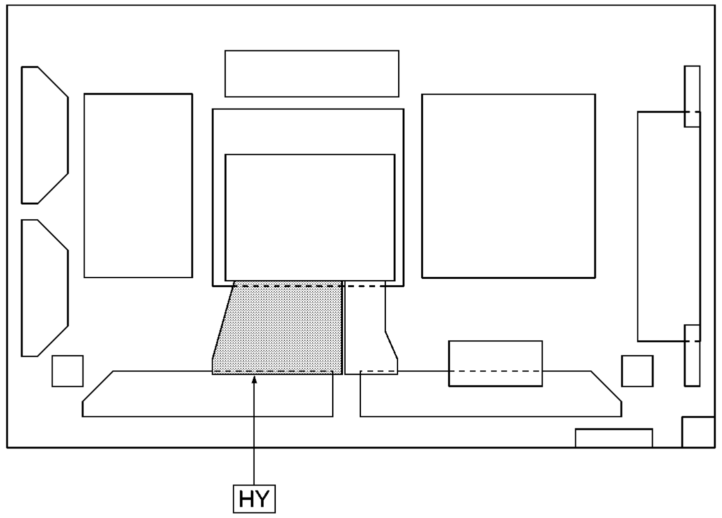
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HX-BOARD TZTNP020JAS

A B C D E F G H I

13.5. HY-Board

HY-BOARD(FOIL SIDE)
TXNHY30JHS


H1
H2
TNPA2245
CR NO. 3000
SEE REVERSE FOR ORDER NO.
HY ②
IC699
JK300
JK301
JK302
JK303
JK304
TP301
TP303
TP304
TP305
TP306
TP307
TP308
TP309
TP310
TP311
TP312



Parts Location

HY-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC3699	C-4	Q3302	B-2
		Q3306	B-2
		Q3804	C-2
		Q3808	D-2
		Q3809	D-2
		Q3810	D-2
		Q3814	D-4
		Q3816	D-4
		Q3817	D-3

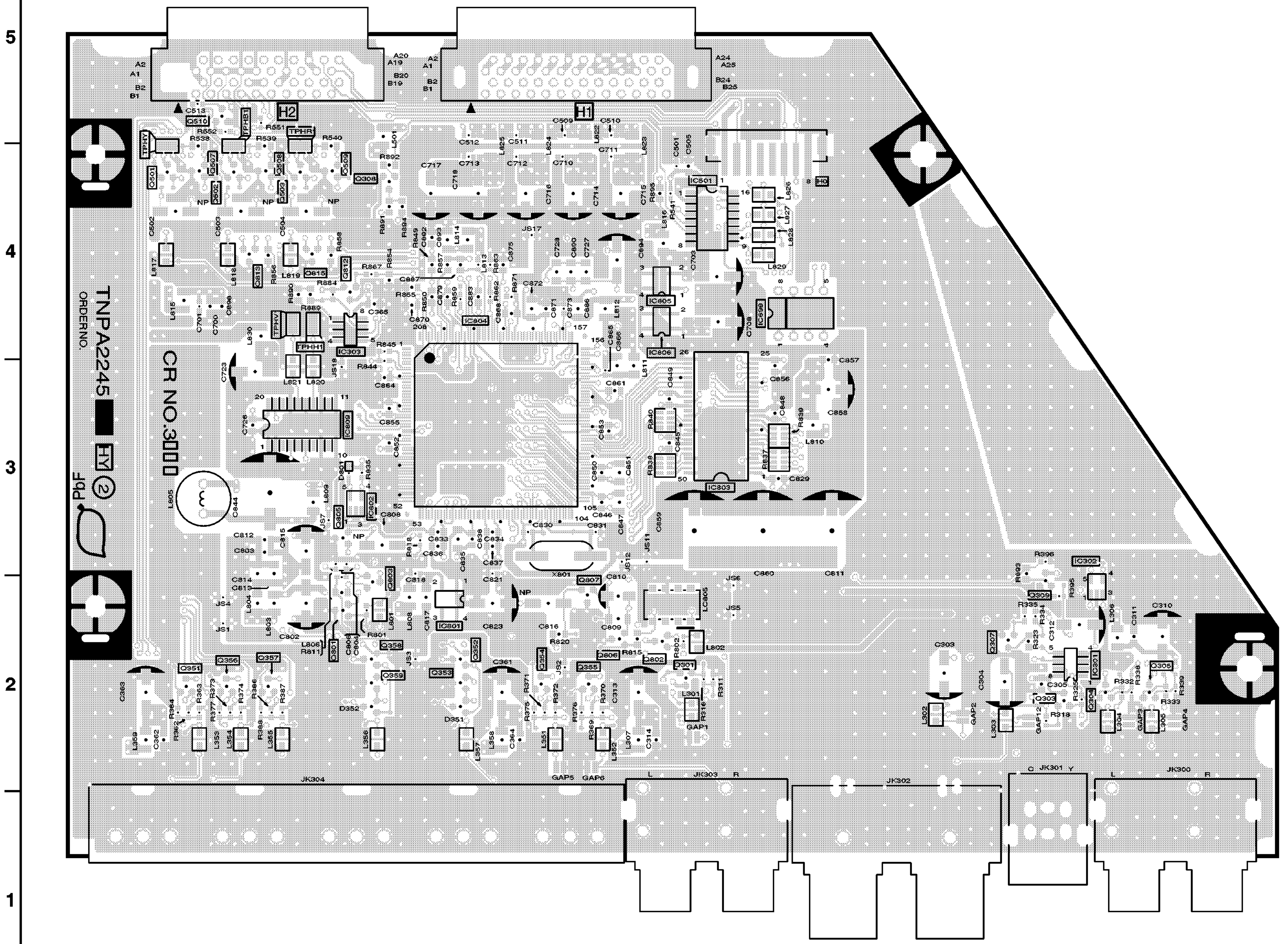
6
5
4
3
2
1

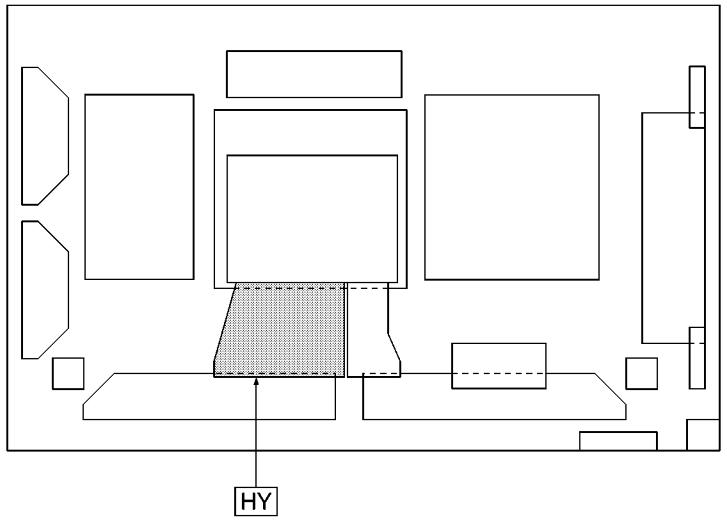
TH-50PHD5/TH-50PHW5
HY-BOARD TXNHY30JHS

TH-50PHD5/TH-50PHW5
HY-BOARD TXNHY30JHS

A B C D E F G H I

HY-BOARD(COMPONENT SIDE)
TXNHY30JHS


TNPA2245
ORDERNO.
CR NO.3
HY
PbF
H1
H2
JK304
JK303
JK302
JK301
JK300
IC3801
IC3802
IC3803
IC3805
IC3806
IC3809
IC3301
IC3302



Parts Location

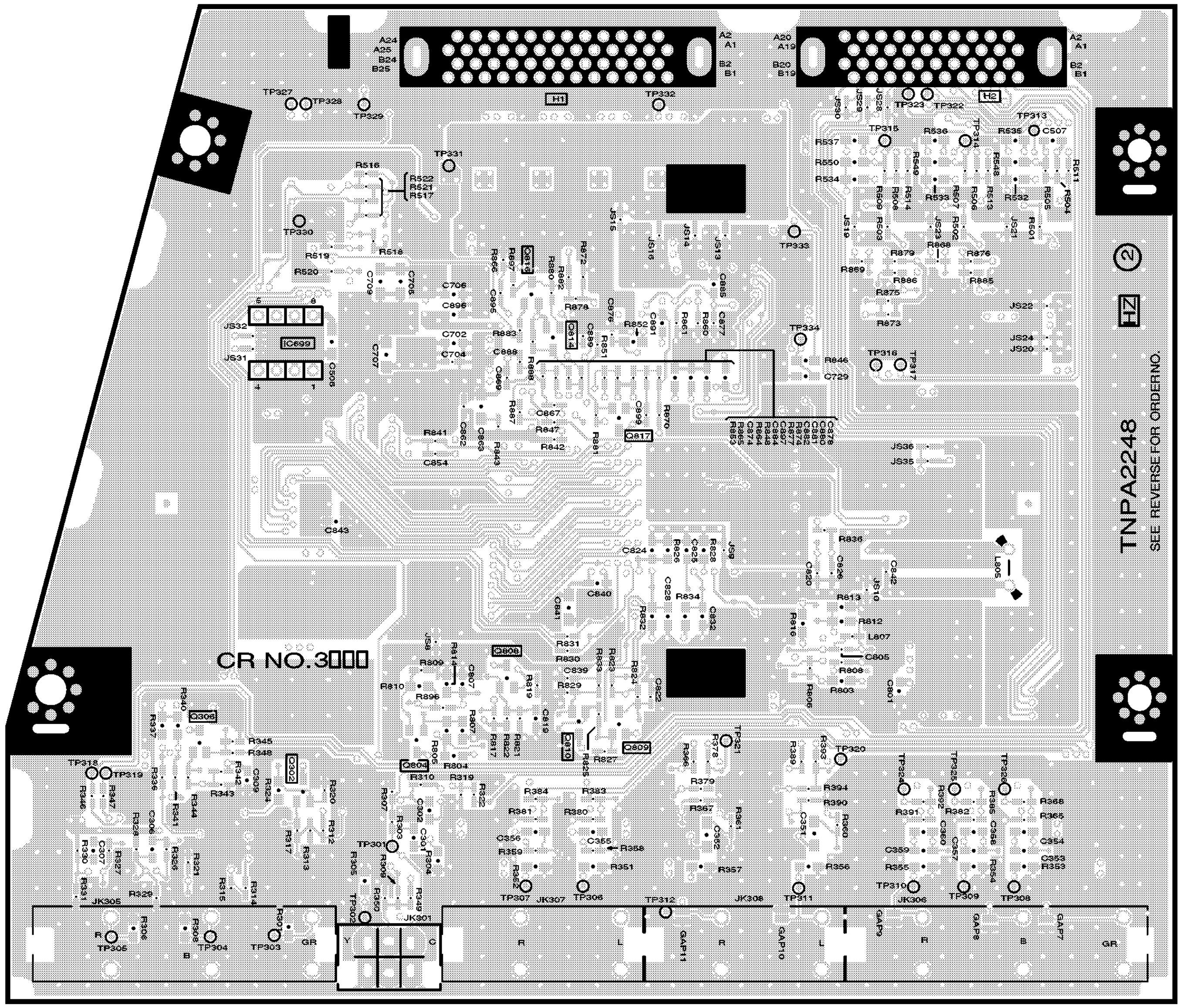
HY-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		Q3507	A-4
IC3301	E-2	Q3301	D-1	Q3508	B-4
IC3302	E-3	Q3303	E-2	Q3509	B-4
IC3303	B-4	Q3304	E-2	Q3510	A-5
IC3501	D-4	Q3305	F-2	Q3801	B-2
IC3699	D-4	Q3307	E-2	Q3802	C-2
IC3801	B-2	Q3308	B-4	Q3803	B-2
IC3802	B-3	Q3309	E-2	Q3805	B-3
IC3803	D-2	Q3351	A-2	Q3806	C-2
IC3804	C-4	Q3352	C-2	Q3807	C-2
IC3805	C-4	Q3353	B-2	Q3812	B-4
IC3806	C-4	Q3354	C-2	Q3813	B-4
IC3809	B-3	Q3355	C-2	Q3815	B-4
		Q3356	A-2	**TP**	
		Q3357	B-2	TPHB	B-5
		Q3358	B-2	TPHH	B-4
		Q3369	B-2	TPHR	B-5
		Q3501	A-4	TPHV	B-4
		Q3502	A-4	TPHY	A-4
		Q3503	B-4		

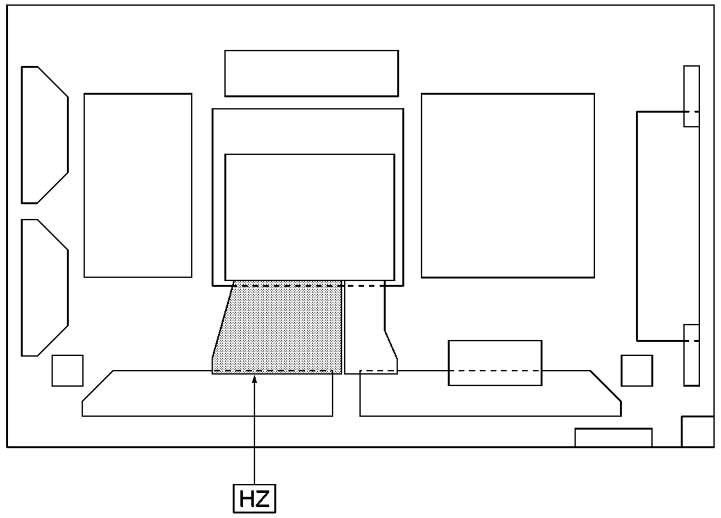
TH-50PHD5/TH-50PHW5
HY-BOARD TXNHY30JHS

TH-50PHD5/TH-50PHW5
HY-BOARD TXNHY30JHS

13.6. HZ-Board

HZ-BOARD(FOIL SIDE)
TXNHZ40JJS


CR NO.3
TNPA2248
SEE REVERSE FOR ORDERNO.
HZ
H1
H2
IC699
JS31
JS32
JK301
JK305
JK306
JK307
JK308



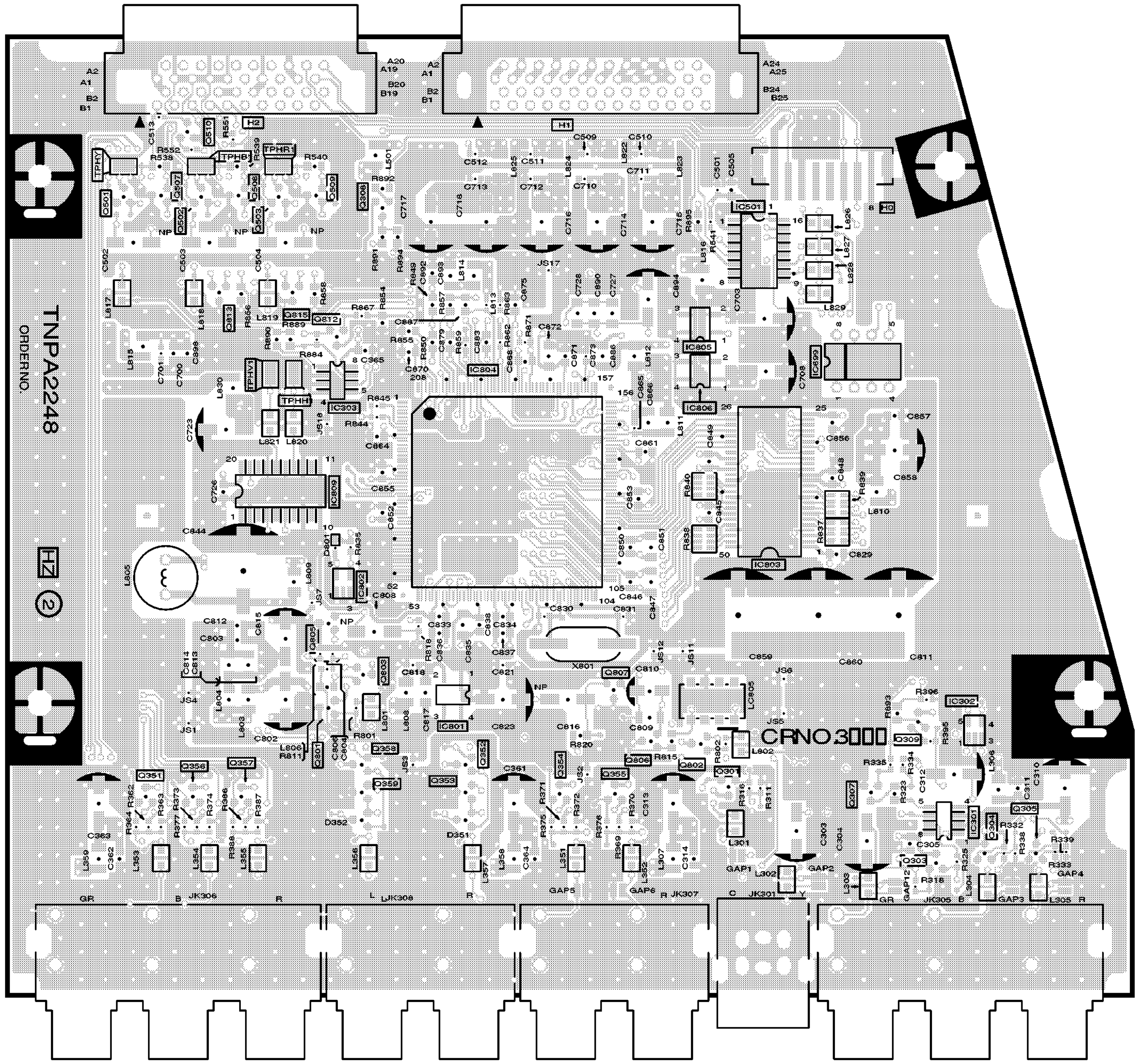
Parts Location

HZ-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC3699	B-4	Q3302	B-2
		Q3306	A-2
		Q3804	B-2
		Q3808	C-3
		Q3809	C-2
		Q3810	C-2
		Q3814	C-4
		Q3816	C-4
		Q3817	C-3

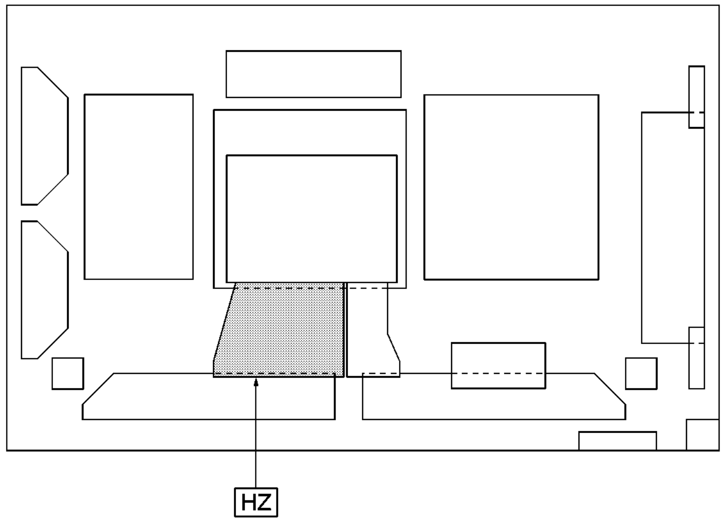
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HZ-BOARD TXNHZ40JJS

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HZ-BOARD TXNHZ40JJS

HZ-BOARD(COMPONENT SIDE)
TXNHY40JHS


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
TNPA2248
ORDERNO.
HZ
2
CRNO3
IC801
IC802
IC803
IC804
IC805
IC806
IC809
IC301
IC302
IC303
IC501
JK306
JK307
JK301
JK305
GR
R
L
C
Y

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HZ-BOARD TXNHZ40JJS



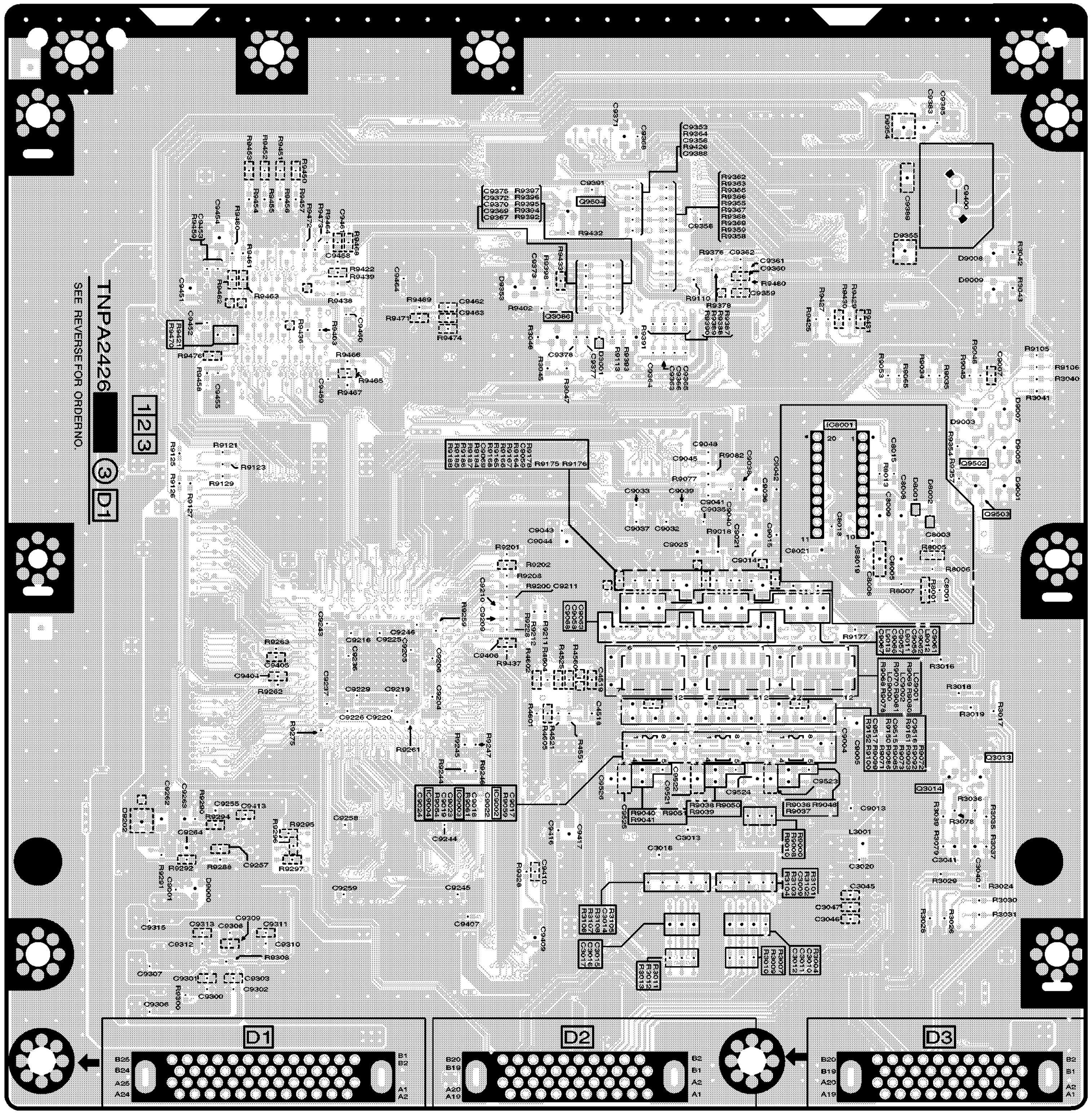
Parts Location

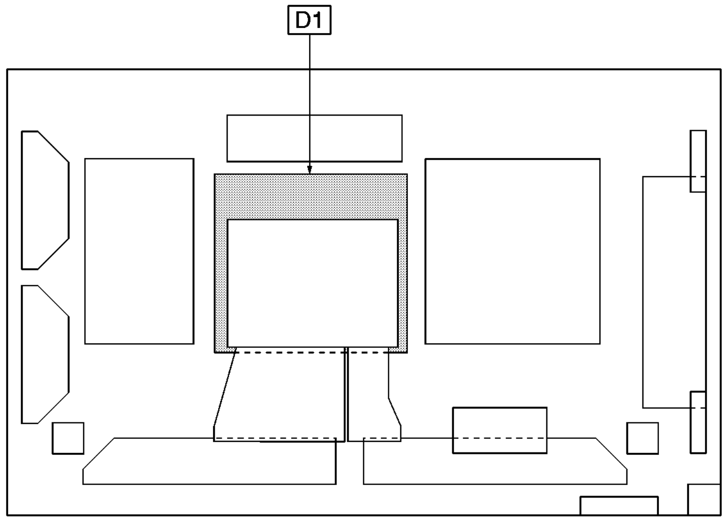
HZ-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR			
IC3301	E-2	Q3301	D-2	Q3507	A-4
IC3301	E-2	Q3303	D-2	Q3508	B-4
IC3302	D-2	Q3304	E-2	Q3509	B-4
IC3303	B-4	Q3305	E-2	Q3510	B-5
IC3501	D-4	Q3307	D-2	Q3801	B-2
IC3699	D-4	Q3308	B-4	Q3802	C-2
IC3801	B-2	Q3309	D-2	Q3803	B-2
IC3802	B-3	Q3351	A-2	Q3805	B-3
IC3803	D-3	Q3352	C-2	Q3806	C-2
IC3804	C-4	Q3353	B-2	Q3807	C-2
IC3805	C-4	Q3354	C-2	Q3812	B-4
IC3806	C-4	Q3355	C-2	Q3813	B-4
IC3809	B-3	Q3356	A-2	Q3815	B-4
		Q3357	B-2	TP	
		Q3358	B-2	TPHB1	B-5
		Q3359	B-2	TPHH1	B-4
		Q3501	A-4	TPHR1	B-5
		Q3502	A-4	TPHV1	B-4
		Q3503	B-4	TPHY1	A-4

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HZ-BOARD TXNHZ40JJS

13.7. D1-Board

D1-BOARD(FOIL SIDE)
TZTNP01MMSB


TNPA2426
SEE REVERSE FOR ORDER NO.
1 2 3
③
D1
IC8001
Q9504
Q3086
Q9502
Q9503
Q3013
Q3014
D1
D2
D3
B25
B24
A25
A24
B1
B2
A1
A2
B20
B19
A20
A19
B2
B1
A2
A1



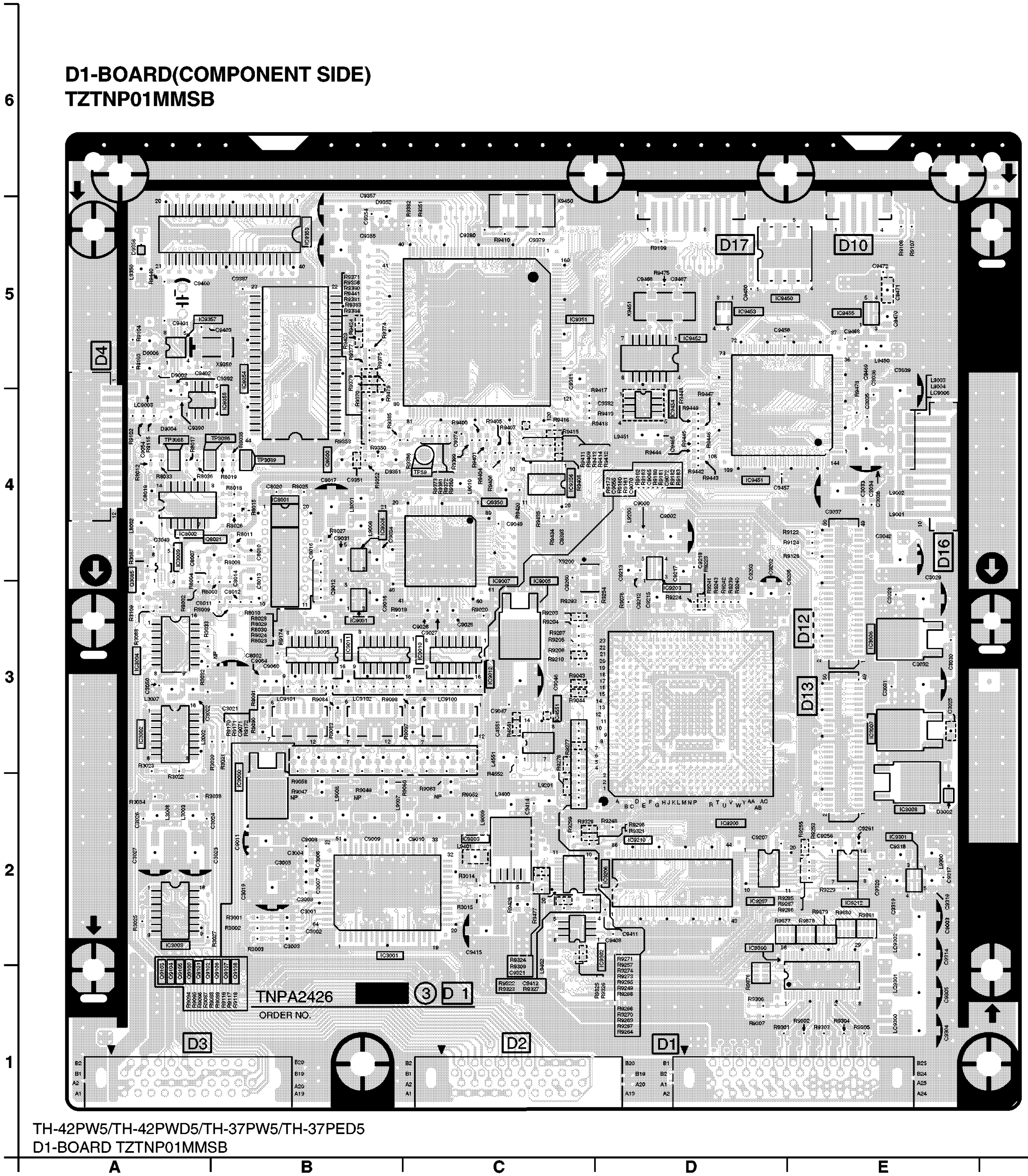
Parts Location

D1-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC8001	E-4	Q3013	E-2
IC9002	C-2	Q3014	E-2
IC9003	C-2	Q3086	C-4
IC9004	C-2	Q9502	E-4
		Q9503	E-4
		Q9504	C-5

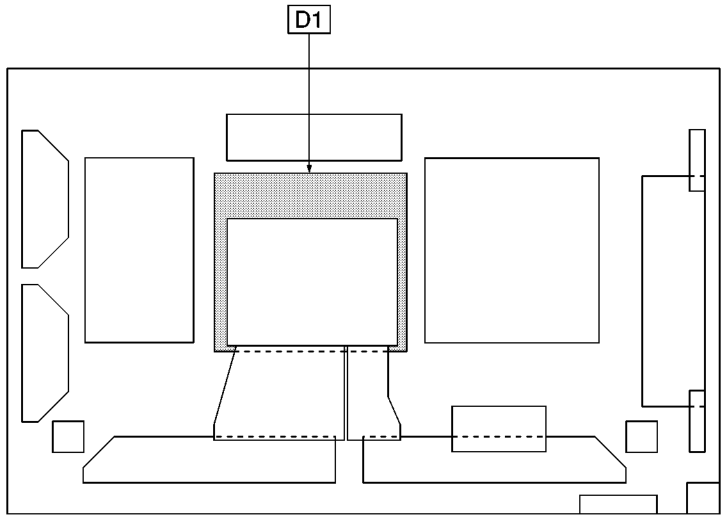
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PED5
D1-BOARD TZTNP01MMSB

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PED5
D1-BOARD TZTNP01MMSB

D1-BOARD(COMPONENT SIDE)
TZTNP01MMSB



TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PED5
D1-BOARD TZTNP01MMSB



Parts Location

D1-BOARD (COMPONENT SIDE)

IC

IC3001	B-2
IC3002	A-3
IC3003	A-2
IC3004	A-3
IC3006	E-3
IC3007	E-3
IC3008	E-2
IC3009	A-4
IC4551	C-3
IC8001	B-4
IC8002	A-4
IC9000	B-2
IC9001	B-3
IC9005	C-3
IC9006	B-4
IC9007	C-4
IC9010	C-3
IC9011	B-3
IC9012	C-3
IC9200	D-2
IC9203	D-3
IC9206	D-2
IC9207	D-2
IC9210	D-2
IC9212	E-2
IC9300	D-2
IC9301	E-2
IC9303	C-2
IC9303	D-2
IC9351	C-5
IC9353	B-5
IC9354	B-5
IC9355	B-4
IC9356	C-4
IC9357	A-5
IC9450	D-5
IC9451	D-4
IC9452	D-5
IC9453	D-5
IC9454	D-4
IC9455	E-5

TRANSISTOR

Q3085	A-4
Q8021	A-4
Q9100	A-1
Q9101	A-1
Q9103	A-1
Q9104	A-1
Q9105	A-1
Q9106	A-1
Q9107	B-1
Q9108	B-1
Q9350	C-4
Q9500	B-4

TP

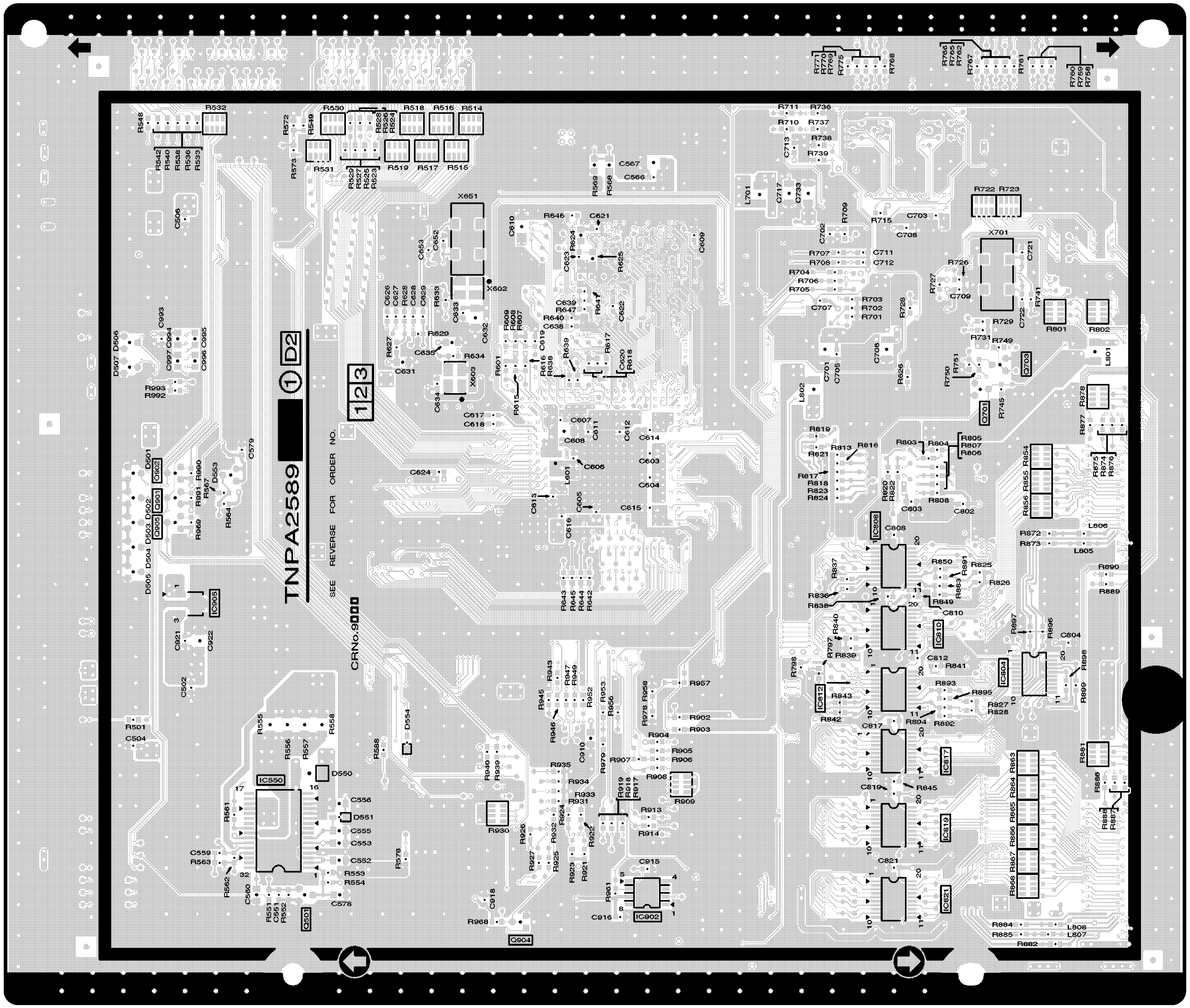
TP3086	A-4
TP3088	A-4
TP3089	B-4
TP59	C-4

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PED5
D1-BOARD TZTNP01MMSB

F G H I

13.8. D2-Board

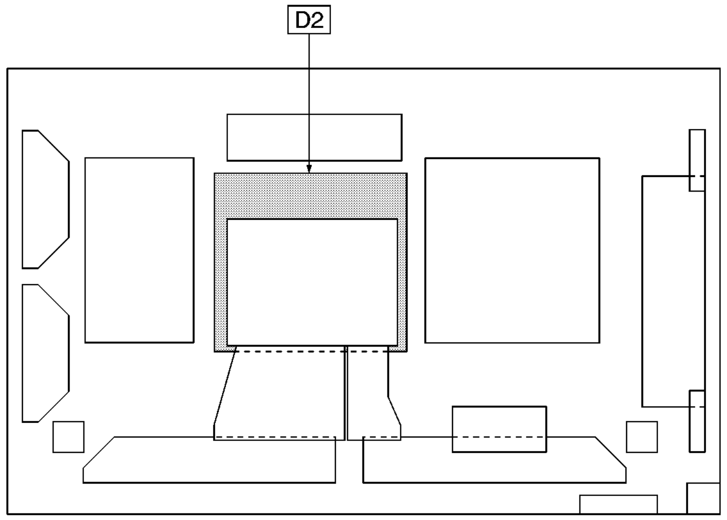
D2-BOARD (FOIL SIDE)
TNPA2589


TNPA2589
D2
①
123
SEE REVERSE FOR ORDER NO.
CRNo.9
X651
X602
X603
X701
IC550
IC902
IC905
IC808
IC810
IC812
IC804
IC817
IC819
IC821
Q501
Q701
Q703
Q901
Q902
Q903
Q904
L601
L701
L801
L802
L805
L806
L807
L808
D501
D502
D503
D504
D505
D506
D507
D550
D551
D553
D554
R501
C504
C502
C506
C579
C921
C922
R532
R530
R518
R516
R514
R531
R519
R517
R515
R548
R572
R549
R573
C567
C566
R569
R568
R646
C621
C610
C609
C653
C652
R624
R625
C623
C626
C627
C628
C629
R633
C633
C632
C639
R647
C622
R641
R640
C638
R629
R634
C635
C631
R627
C634
R601
R609
R608
R607
R616
R638
R639
R617
C620
R618
R615
C617
C618
C607
C608
C611
C612
C614
C603
C604
C606
C624
C613
C605
C615
C616
R643
R645
R644
R642
R711
R736
R710
R737
R738
R739
C713
L701
C717
C733
R709
R715
C703
C708
C702
R707
R708
C711
C712
R704
R706
R705
R703
R702
R701
C707
R728
R722
R723
R726
R727
C709
C721
R741
C722
R729
R731
R749
R750
R751
R745
C701
C705
C706
R626
R801
R802
R819
R821
R813
R816
R803
R804
R805
R807
R806
R817
R818
R823
R824
R820
R822
C803
R808
C802
R854
R855
R856
R872
R873
R878
R877
R875
R874
R876
C808
R850
R825
R891
R826
R837
R836
R838
R849
C810
R840
R797
R839
R798
C812
R841
R893
R895
R827
R828
R843
R842
R894
R892
C817
C819
R845
C821
R890
R889
R897
R896
C804
R898
R899
R881
R886
R888
R887
R863
R864
R865
R866
R867
R868
R884
R885
R882
R771
R770
R769
R775
R768
R766
R765
R762
R767
R761
R760
R759
R758
R993
R992
C993
C994
C997
C995
C996
R990
R991
R969
R564
R555
R556
R557
R558
R561
C559
R563
R562
C560
R551
C551
R552
C556
C555
C553
C552
R553
R554
C578
R578
R588
R957
R902
R903
R904
R905
R906
R907
R908
R909
R913
R914
R943
R947
R949
R945
R952
R953
R956
R958
R978
R946
C910
R979
R940
R939
R935
R934
R933
R931
R930
R926
R932
R924
R922
R919
R918
R917
R927
R925
R923
R921
R961
C915
C916
C918
R968
17
16
32
20
10
11
1
4
5
8
3

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-BOARD TNPA2589

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-BOARD TNPA2589

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I



Parts Location

D2-BOARD (FOIL SIDE)

IC		TRANSISTOR	
IC9550	B-2	Q9501	B-1
IC9804	F-3	Q9701	F-4
IC9808	E-3	Q9703	F-4
IC9810	F-2	Q9901	B-3
IC9812	E-2	Q9902	B-4
IC9817	F-2	Q9904	C-1
IC9819	F-2	Q9905	B-3
IC9821	F-1		
IC9902	D-1		
IC9905	B-3		

Parts Location

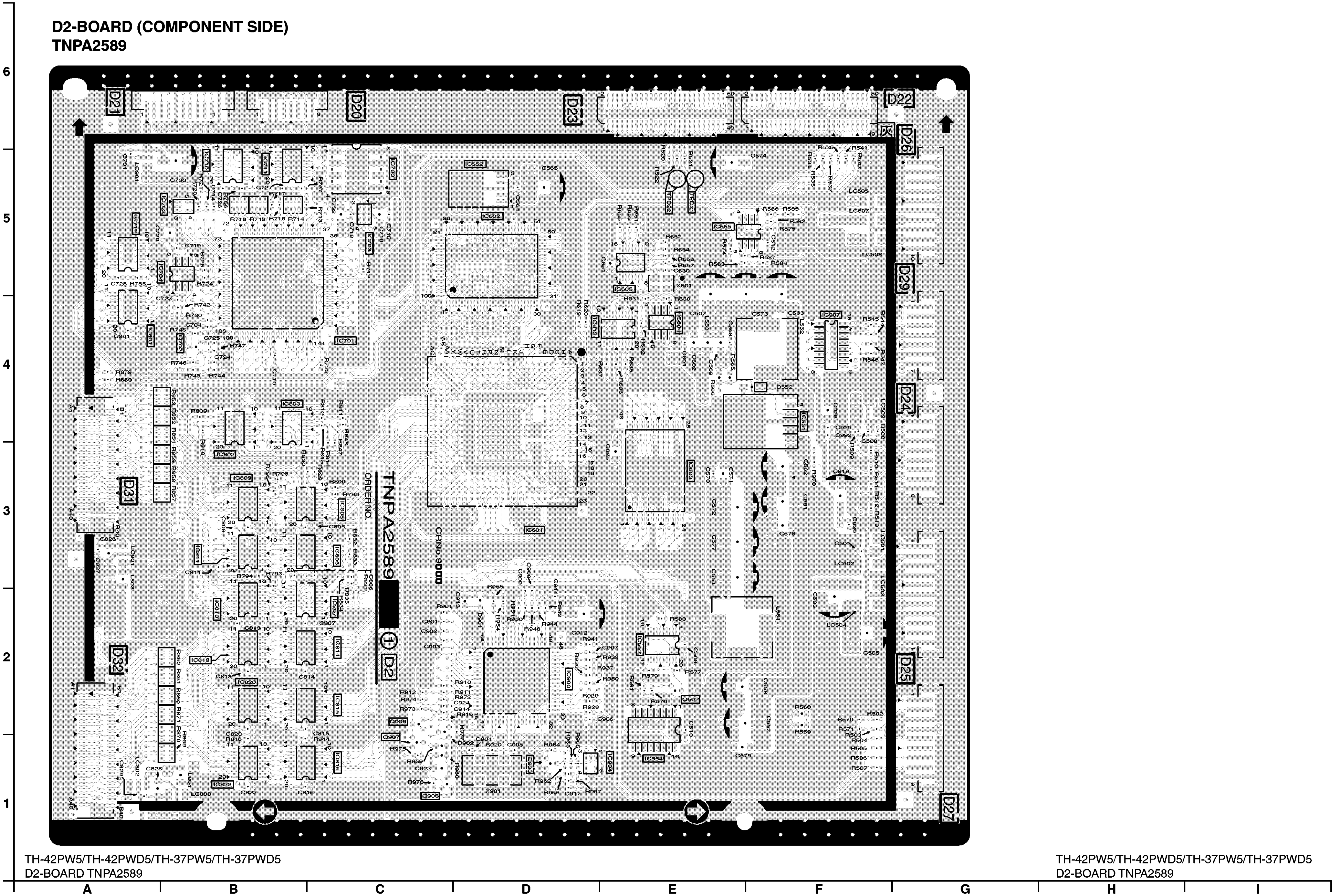
D2-BOARD (COMPONENT SIDE)

IC	
IC9551	F-4
IC9552	D-5
IC9553	E-2
IC9554	E-1
IC9555	E-6
IC9601	D-3
IC9602	D-5
IC9603	E-3
IC9604	E-4
IC9605	E-5
IC9612	D-4
IC9700	C-5
IC9701	C-4
IC9702	B-5
IC9703	C-5
IC9704	B-5
IC9710	B-5
IC9711	B-5
IC9712	A-5
IC9801	A-4
IC9802	B-3
IC9803	B-4
IC9805	C-3
IC9806	C-3
IC9807	C-2
IC9809	B-3
IC9811	B-3
IC9813	B-2
IC9814	C-2
IC9815	C-2
IC9816	C-1
IC9818	B-2
IC9820	B-2
IC9822	B-1
IC9900	D-2
IC9904	D-1
IC9907	F-4

TRANSISTOR	
Q9502	E-2
Q9702	B-4
Q9802	C-1
Q9903	D-1
Q9906	C-2
Q9907	C-1
Q9908	C-1

TP	
TPD21	E-6
TPD22	E-6

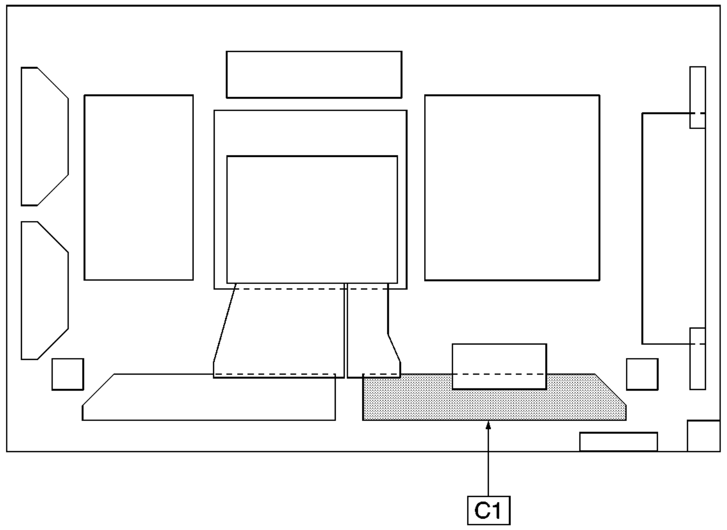
D2-BOARD (COMPONENT SIDE)
TNPA2589


6
5
4
3
2
1
D21
D20
D23
D22
D26
D29
D24
D25
D27
D31
D32
TNPA2589
ORDER NO.
CRNo.
D2
A
B
C
D
E
F
G
H
I

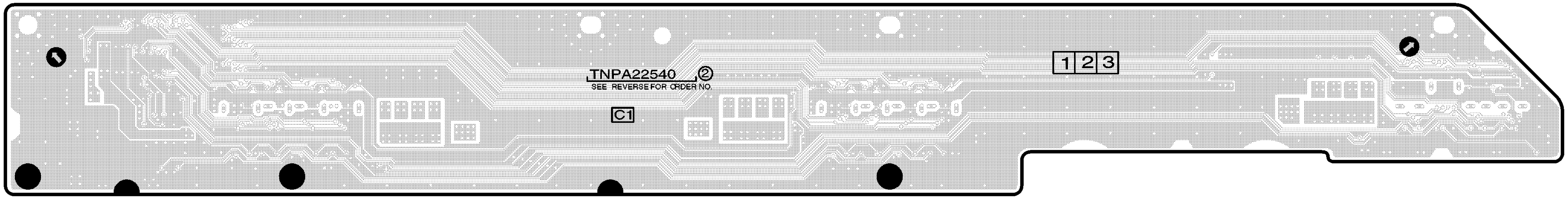
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-BOARD TNPA2589

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-BOARD TNPA2589

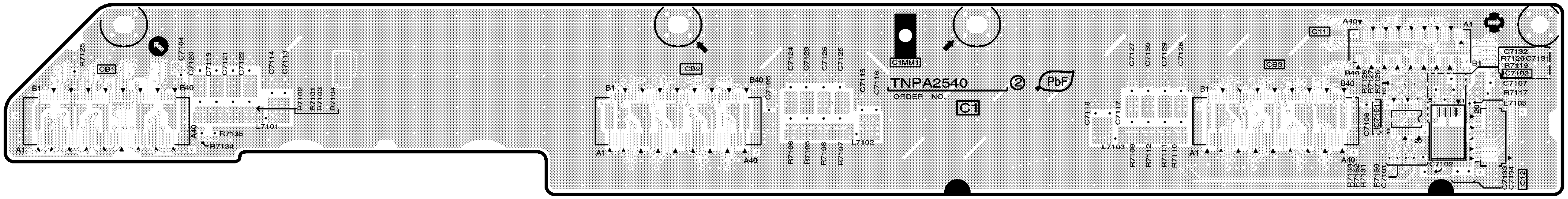
13.9. C1-Board (42 inch Models)



C1-BOARD (FOIL SIDE)
TNPA2540 (42inch Models)


TNPA22540 ②
SEE REVERSE FOR ORDER NO.
C1
1 2 3

C1-BOARD (COMPONENT SIDE)
TNPA2540 (42inch Models)


R7125
CB1
B1
A1
C7104
C7120
C7119
C7121
C7122
C7114
C7113
B40
A40
R7102
R7101
R7103
R7104
L7101
R7135
R7134
CB2
B1
A1
B40
A40
C7105
C7124
C7123
C7126
C7125
C7115
C7116
R7106
R7105
R7108
R7107
L7102
C1MM1
TNPA2540 ②
ORDER NO.
C1
PbF
C7127
C7130
C7129
C7128
C7118
C7117
L7103
R7109
R7112
R7111
R7110
CB3
B1
A1
C11
A40
B40
A1
C7132
R7120
C7131
R7119
IC7103
C7107
R7117
L7105
R7128
R7127
R7126
C7106
IC7101
IC7102
R7133
R7132
R7131
R7130
C7101
C7133
C7134
C12

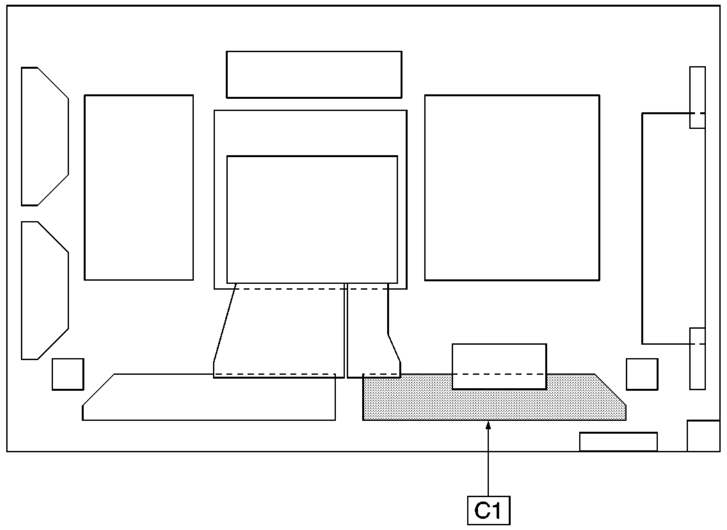
TH-42PW5/TH-42PWD5
C1-BOARD TNPA2540

TH-42PW5/TH-42PWD5
C1-BOARD TNPA2540

13.10. C1-Board (37 inch Models)

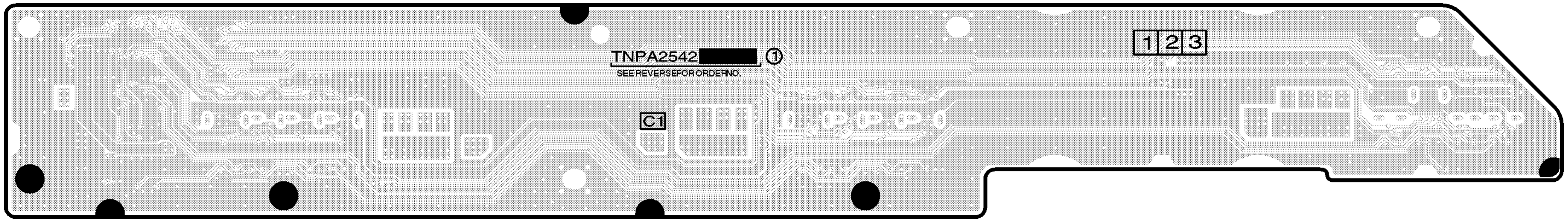
6

5



4

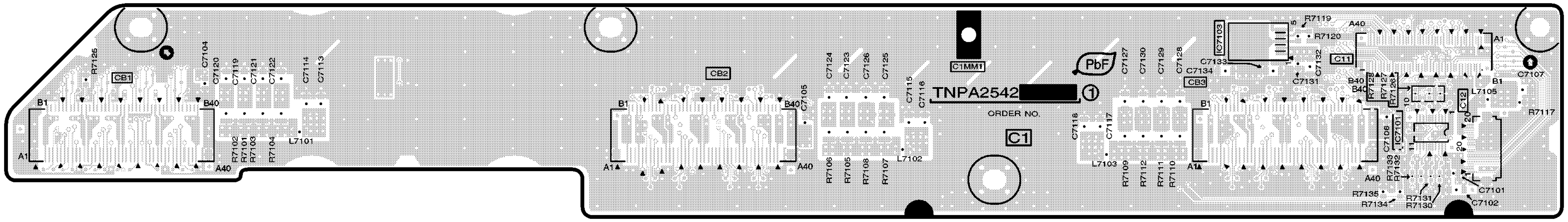
C1-BOARD (FOIL SIDE)
TNPA2542 (37inch Models)


TNPA2542
①
SEE REVERSE FOR ORDER NO.
C1
1 2 3

3

2

C1-BOARD (COMPONENT SIDE)
TNPA2542 (37inch Models)


R7125
CB1
B1
B40
A1
A40
C7104
C7120
C7119
C7121
C7122
C7114
C7113
R7102
R7101
R7103
R7104
L7101
CB2
B1
B40
A1
A40
C7105
C7124
C7123
C7126
C7125
R7106
R7105
R7108
R7107
L7102
C7115
C7116
C1MM1
TNPA2542
①
ORDER NO.
C1
PbF
C7118
C7117
L7103
C7127
C7130
C7129
C7128
R7109
R7112
R7111
R7110
C7134
CB3
C7133
IC7103
R7119
R7120
C7132
C7131
C11
A40
A1
B1
B40
A1
A40
B40
B1
R7128
R7127
R7126
C7107
L7105
C12
R7117
10
1
5
20
11
20
C7106
IC7101
R7133
R7132
R7135
R7134
R7131
R7130
C7101
C7102

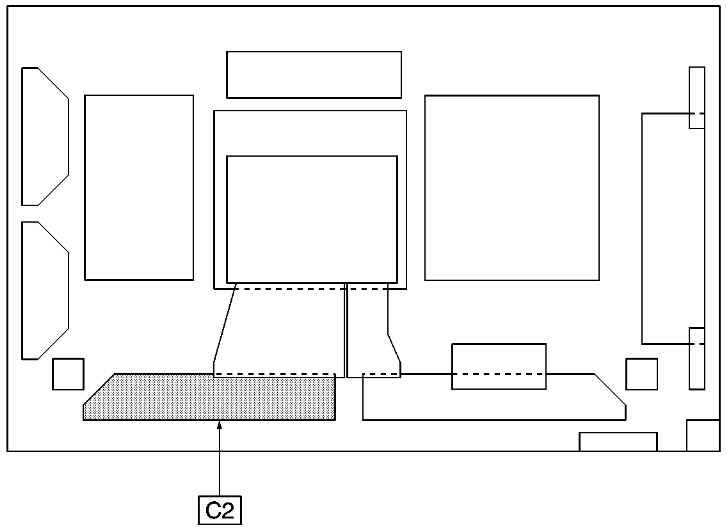
1

TH-37PW5/TH-37PWD5
C1-BOARD TNPA2542

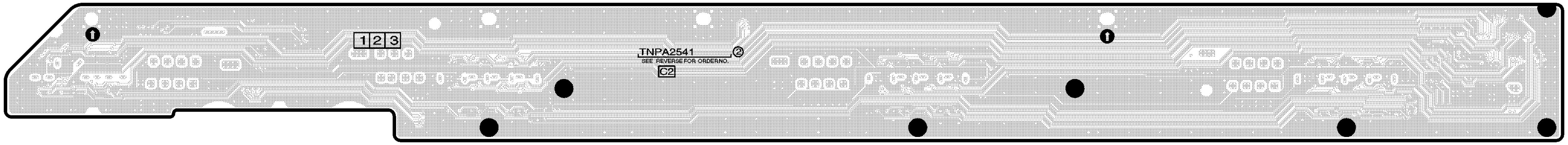
TH-37PW5/TH-37PWD5
C1-BOARD TNPA2542

A B C D E F G H I

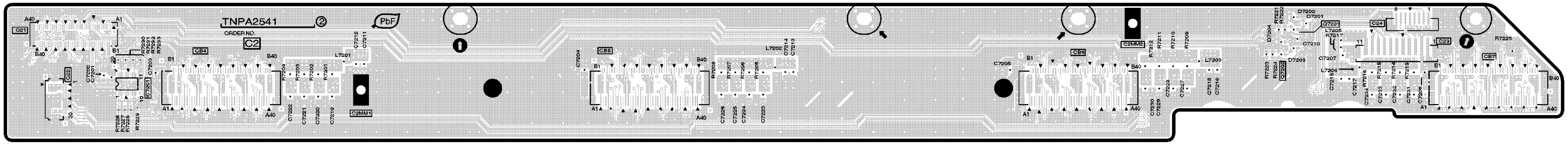
13.11. C2-Board (42 inch Models)



C2-BOARD (FOIL SIDE)
TNPA2541 (42 inch Models)


1 2 3
TNPA2541 ②
SEE REVERSE FOR ORDER NO.
C2

C2-BOARD (COMPONENT SIDE)
TNPA2541 (42 inch Models)

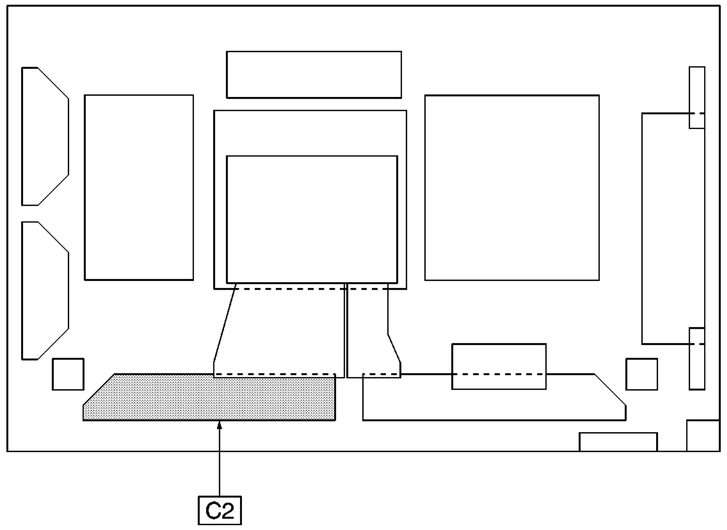

TNPA2541 ②
ORDER NO.
C2
PbF
C21
C22
C23
C24
C84
C85
C86
C87
C2MM1
C2MM2
L7201
L7202
L7203
Q7201
Q7202
D7201
D7202
D7203
D7204
A1
A40
B1
B40

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

TH-42PW5/TH-42PWD5
C2-BOARD TNPA2541

TH-42PW5/TH-42PWD5
C2-BOARD TNPA2541

13.12. C2-Board (37 inch Models)

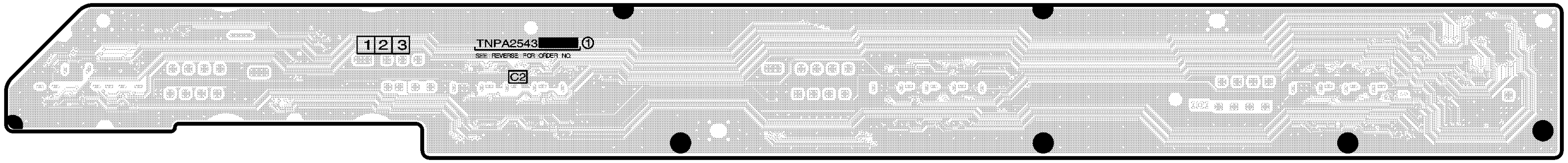


6

5

4

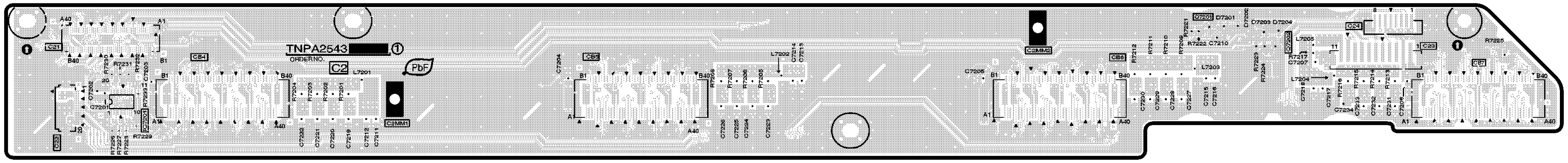
C2-BOARD (FOIL SIDE)
TNPA2543 (37 inch Model)


1 2 3
TNPA2543 ①
SEE REVERSE FOR ORDER NO.
C2

3

2

C2-BOARD (COMPONENT SIDE)
TNPA2543 (37 inch Model)


TNPA2543 ①
ORDER NO.
C2
PbF
C2MM1
C2MM2
L7201
L7202
L7203
L7205
D7201
A1
A40
B1
B40

1

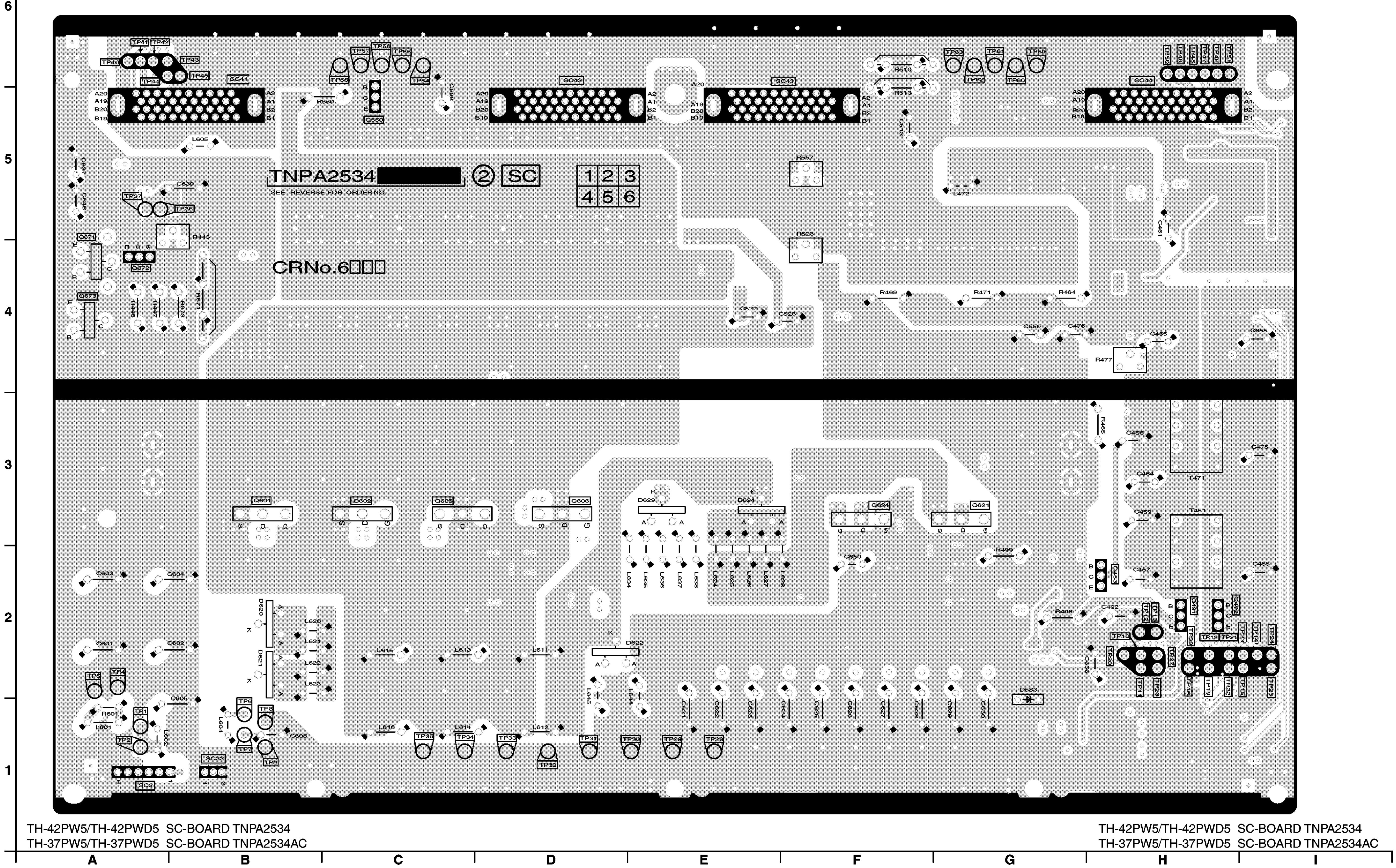
TH-37PW5/TH-37PWD5
C2-BOARD TNPA2543

TH-37PW5/TH-37PWD5
C2-BOARD TNPA2543

A B C D E F G H I

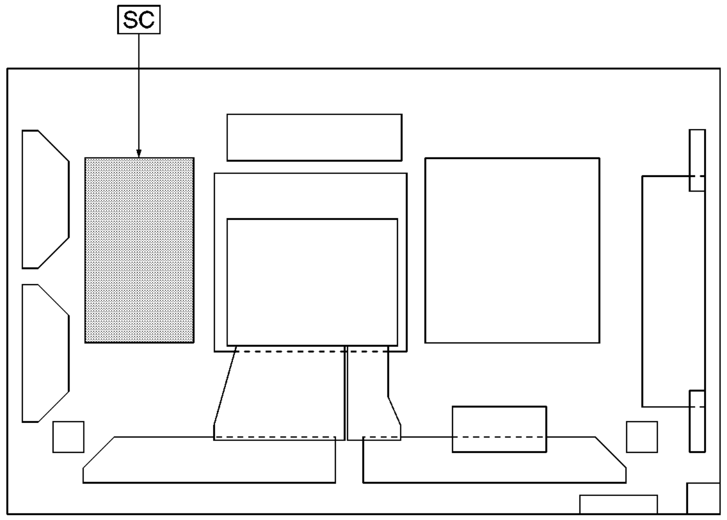
13.13. SC-Board

SC-BOARD (FOIL SIDE)
TNPA2534 (42inch Models)
TNPA2534AC (37inch Models)


TNPA2534
②
SC
1 2 3
4 5 6
SEE REVERSE FOR ORDER NO.
CRNo.6
SC41
SC42
SC43
SC44
SC2
SC23
Q550
Q601
Q602
Q605
Q606
Q621
Q624
Q671
Q672
Q673
Q453
Q491
Q492
D620
D621
D622
D624
D629
D583
T451
T471
R550
R510
R513
R557
R523
R469
R471
R464
R477
R443
R446
R447
R673
R671
R601
R499
R498
R466
C513
C598
C522
C526
C550
C476
C465
C655
C461
C456
C475
C464
C459
C457
C455
C492
C656
C650
C603
C604
C601
C602
C605
C606
C637
C646
C639
L605
L472
L601
L602
L604
L611
L612
L613
L614
L615
L616
L620
L621
L622
L623
L624
L625
L626
L627
L628
L634
L635
L636
L637
L638
L644
L645
C621
C622
C623
C624
C625
C626
C627
C628
C629
C630
TP1
TP2
TP4
TP5
TP6
TP7
TP8
TP9
TP10
TP11
TP12
TP13
TP14
TP15
TP16
TP18
TP19
TP20
TP21
TP22
TP23
TP24
TP25
TP26
TP27
TP28
TP29
TP30
TP31
TP32
TP33
TP34
TP35
TP36
TP37
TP40
TP41
TP42
TP43
TP44
TP45
TP46
TP47
TP48
TP49
TP50
TP51
TP54
TP55
TP56
TP57
TP58
TP59
TP60
TP61
TP62
TP63
A20
A19
B20
B19
A2
A1
B2
B1
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

TH-42PW5/TH-42PWD5 SC-BOARD TNPA2534
TH-37PW5/TH-37PWD5 SC-BOARD TNPA2534AC

TH-42PW5/TH-42PWD5 SC-BOARD TNPA2534
TH-37PW5/TH-37PWD5 SC-BOARD TNPA2534AC



Parts Location

SC-BOARD (FOIL SIDE)

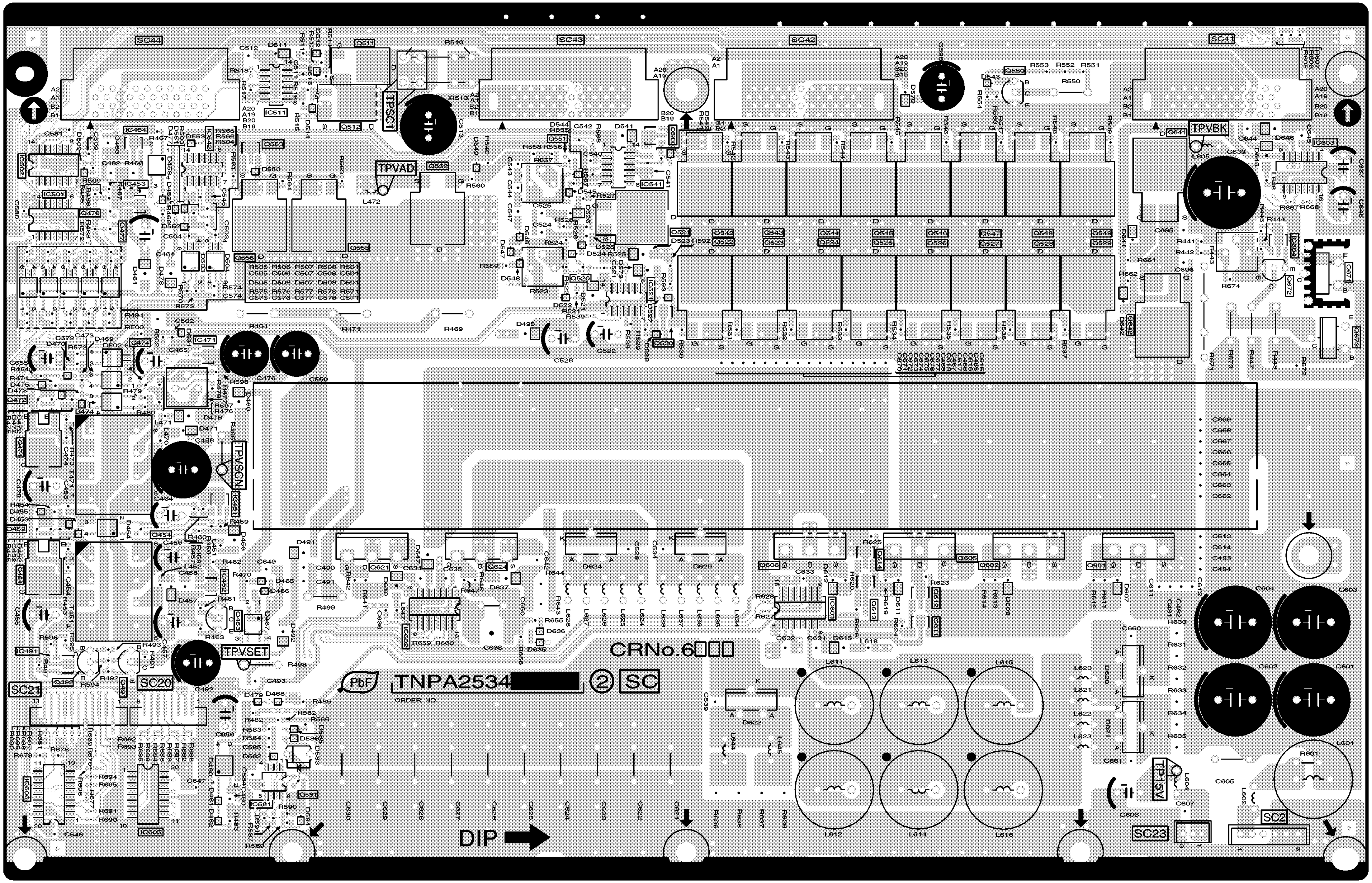
TRANSISTOR		TP			
Q6453	H-2	TP1	A-1	TP33	D-1
Q6491	H-2	TP2	A-1	TP34	C-1
Q6492	H-2	TP4	A-2	TP35	C-1
Q6550	C-5	TP5	A-2	TP36	A-5
Q6601	B-3	TP6	B-1	TP37	A-5
Q6602	C-3	TP7	B-1	TP38	H-2
Q6605	C-3	TP8	B-1	TP46	H-6
Q6606	D-3	TP9	B-1	TP47	H-6
Q6621	G-3	TP10	H-2	TP48	H-6
Q6624	F-3	TP11	H-2	TP49	H-6
Q6671	A-4	TP12	H-2	TP50	H-6
Q6672	A-4	TP13	H-2	TP51	H-6
Q6673	A-4	TP14	I-2	TP54	C-6
		TP15	I-2	TP55	C-6
		TP16	H-2	TP56	C-6
		TP18	H-2	TP57	C-6
		TP19	H-2	TP58	C-6
		TP20	H-2	TP59	G-6
		TP21	H-2	TP60	G-6
		TP22	H-2	TP61	G-6
		TP23	I-2	TP62	G-6
		TP24	I-2	TP63	G-6
		TP25	I-2		
		TP26	H-2		
		TP27	H-2		
		TP28	E-1		
		TP29	E-1		
		TP30	E-1		
		TP31	D-1		
		TP32	D-1		

Parts Location

SC-BOARD (COMPONENT SIDE)

IC		TRANSISTOR				TP	
IC6451	B-3	Q6451	A-3	Q6547	G-5	TP15V	H-1
IC6452	B-2	Q6452	A-3	Q6548	G-5	TPVAD	C-5
IC6453	A-5	Q6453	B-2	Q6549	G-5	TPVBK	H-5
IC6454	A-5	Q6454	B-3	Q6550	G-6	TPVSCN	B-3
IC6471	B-4	Q6471	A-3	Q6551	D-5	TPVSET	B-2
IC6491	A-2	Q6472	A-4	Q6552	C-5		
IC6501	A-5	Q6474	B-4	Q6553	B-5		
IC6502	A-5	Q6476	A-5	Q6555	C-5		
IC6511	B-5	Q6477	A-5	Q6556	B-4		
IC6541	E-5	Q6491	A-2	Q6581	B-1		
IC6542	B-5	Q6492	A-2	Q6601	G-3		
IC6581	B-1	Q6511	C-6	Q6602	G-3		
IC6601	F-2	Q6512	C-5	Q6605	F-3		
IC6602	C-2	Q6520	D-4	Q6606	E-3		
IC6603	I-5	Q6521	E-5	Q6611	F-2		
IC6604	H-5	Q6522	E-5	Q6612	F-2		
IC6605	B-1	Q6523	E-5	Q6613	F-2		
IC6606	A-1	Q6524	F-5	Q6614	F-3		
		Q6525	F-5	Q6621	C-3		
		Q6526	F-5	Q6624	D-3		
		Q6527	G-5	Q6641	H-5		
		Q6528	G-5	Q6642	H-4		
		Q6529	G-5	Q6671	I-4		
		Q6530	E-4	Q6672	H-4		
		Q6541	E-5	Q6673	I-4		
		Q6542	E-5				
		Q6543	E-5				
		Q6544	F-5				
		Q6545	F-5				
		Q6546	F-5				

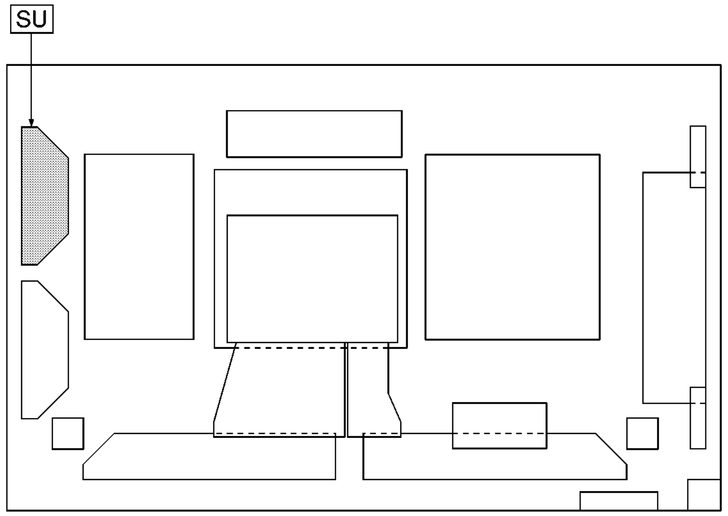
SC-BOARD (COMPONENT SIDE)
TNPA2534 (42inch Models)
TNPA2534AC (37inch Models)


SC44
SC43
SC42
SC41
TPSC1
TPVAD
TPVBK
TPVSCN
TPVSET
TP15V
SC20
SC21
SC23
SC2
CRNo.6□□□
PbF
TNPA2534
② SC
ORDER NO.
DIP
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

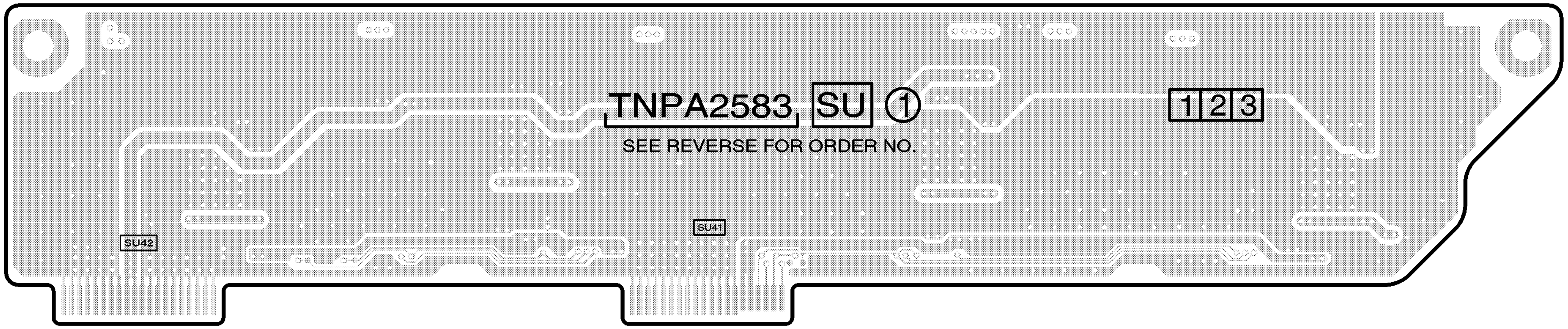
TH-42PW5/TH-42PWD5 SC-BOARD TNPA2534
TH-37PW5/TH-37PWD5 SC-BOARD TNPA2534AC

TH-42PW5/TH-42PWD5 SC-BOARD TNPA2534
TH-37PW5/TH-37PWD5 SC-BOARD TNPA2534AC

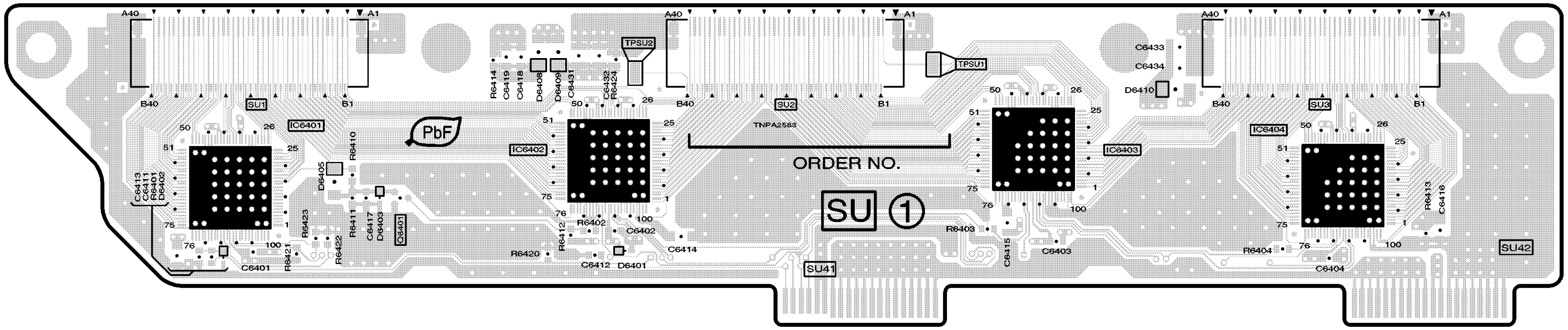
13.14. SU-Board (42 inch Models)



SU-BOARD (FOIL SIDE)
TNPA2583 (42inch Models)


TNPA2583
SU
①
SEE REVERSE FOR ORDER NO.
1
2
3
SU42
SU41

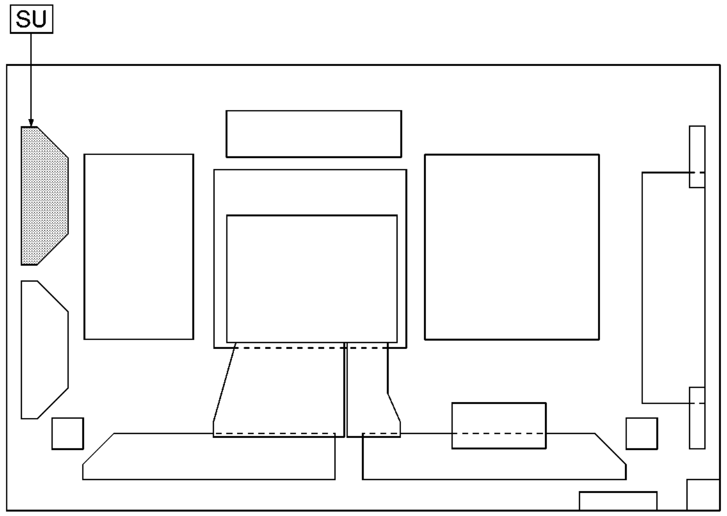
SU-BOARD (COMPONENT SIDE)
TNPA2583 (42inch Models)


A40
A1
B40
B1
SU1
IC6401
50
26
51
25
75
1
76
100
C6413
C6411
R6401
D6402
C6401
R6421
R6423
R6422
D6405
R6410
R6411
C6417
D6403
Q6401
PbF
R6414
C6419
C6418
D6408
D6409
C6431
C6432
R6424
TPSU2
IC6402
R6402
C6402
R6412
R6420
C6412
D6401
C6414
SU2
TNPA2583
ORDER NO.
SU
①
SU41
TPSU1
IC6403
R6403
C6415
C6403
C6433
C6434
D6410
SU3
IC6404
R6413
C6416
R6404
C6404
SU42
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

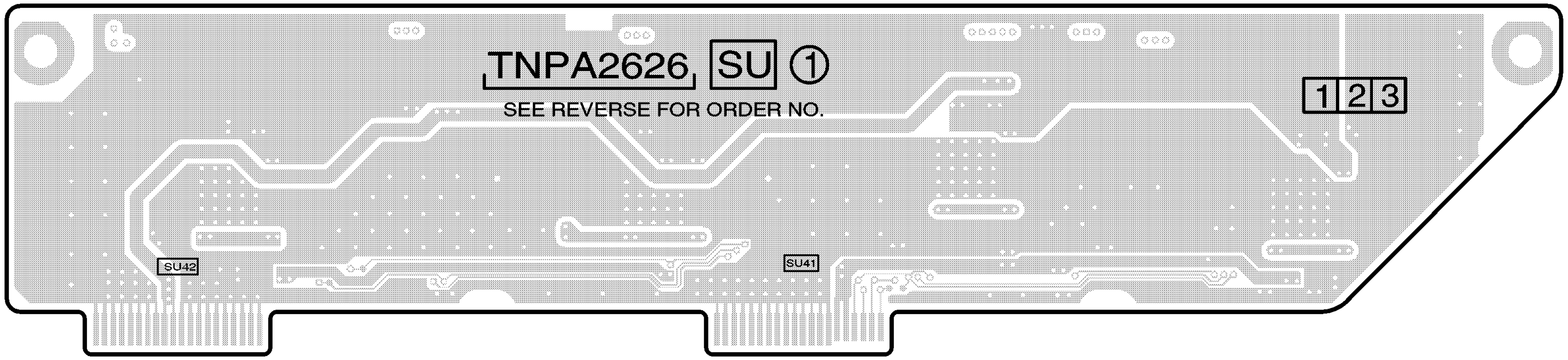
TH-42PW5/TH-42PWD5
SU-BOARD TNPA2583

TH-42PW5/TH-42PWD5
SU-BOARD TNPA2583

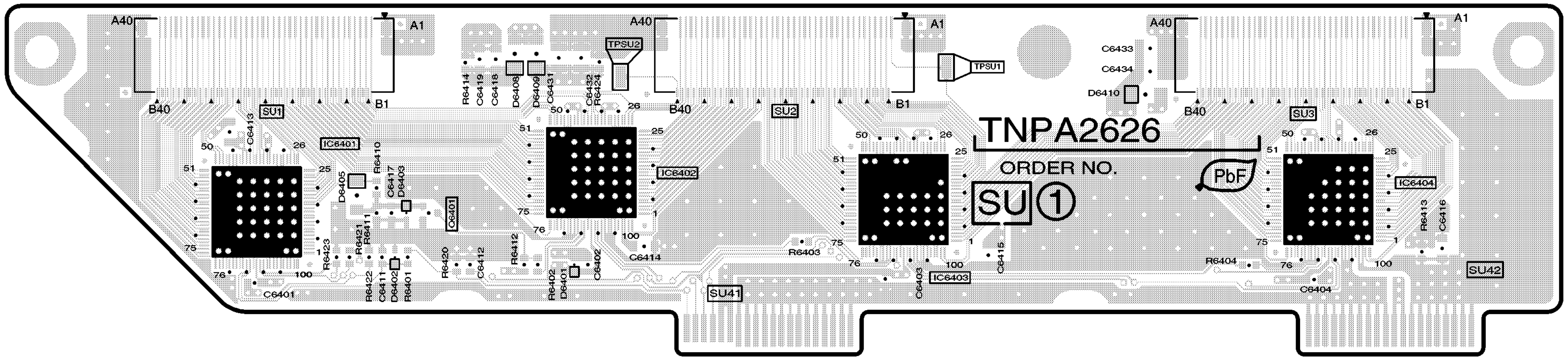
13.15. SU-Board (37 inch Models)



SU-BOARD (FOIL SIDE)
TNPA2626 (37inch Models)


TNPA2626 SU ①
SEE REVERSE FOR ORDER NO.
1 2 3
SU42
SU41

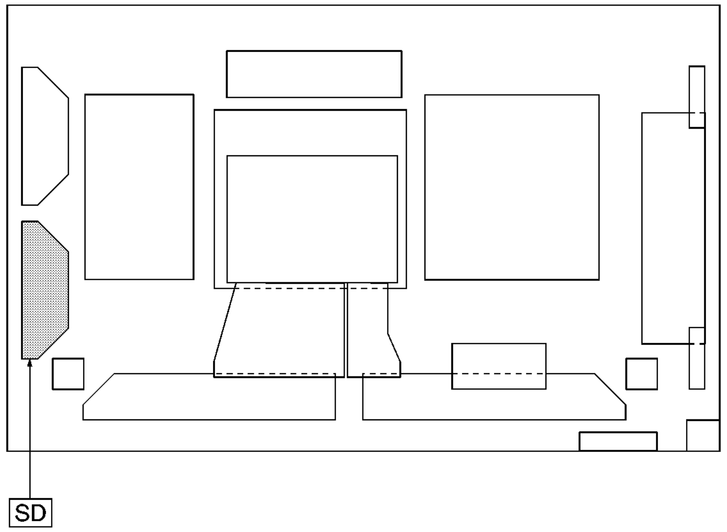
SU-BOARD (COMPONENT SIDE)
TNPA2627 (37inch Models)


A40
A1
B40
B1
SU1
SU2
SU3
IC6401
IC6402
IC6403
IC6404
TPSU1
TPSU2
TNPA2626
ORDER NO.
SU ①
PbF
C6433
C6434
D6410
R6414
C6419
C6418
D6408
D6409
C6431
C6432
R6424
C6413
R6410
D6405
C6417
D6403
Q6401
R6423
R6421
R6411
R6422
C6411
D6402
R6401
C6401
R6420
C6412
R6412
R6402
D6401
C6402
C6414
R6403
C6403
C6415
R6404
C6404
R6413
C6416
SU41
SU42
1
25
26
50
51
75
76
100

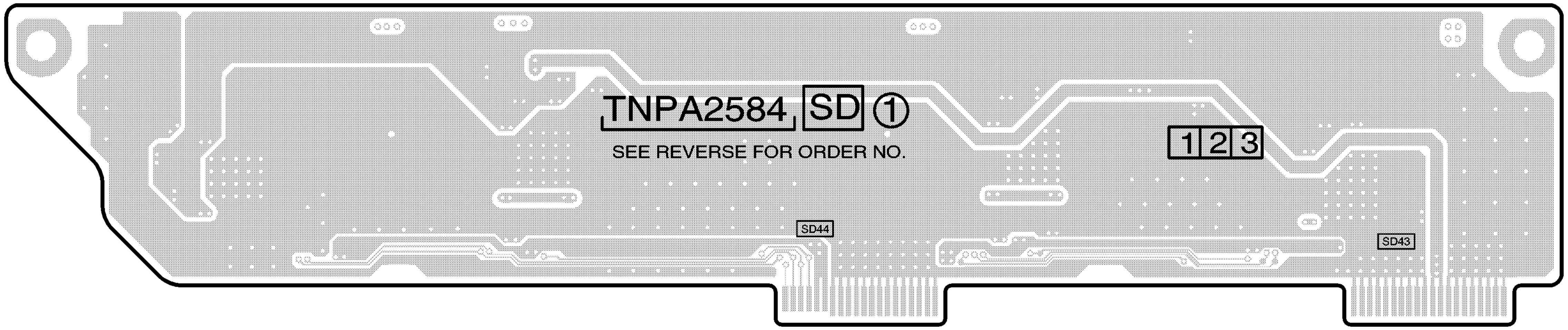
TH-37PW5/TH-37PWD5
SU-BOARD TNPA2527

TH-37PW5/TH-37PWD5
SU-BOARD TNPA2527

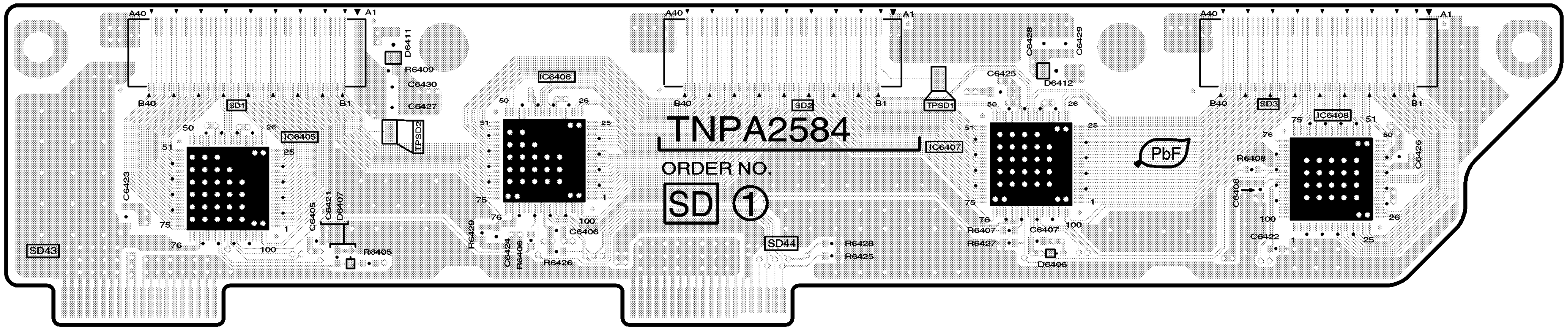
13.16. SD-Board (42 inch Models)



SD-BOARD (FOIL SIDE)
TNPA2584 (42inch Models)


TNPA2584
SD
①
SEE REVERSE FOR ORDER NO.
1 2 3
SD44
SD43

SD-BOARD (COMPONENT SIDE)
TNPA2584 (42inch Models)


A40
A1
B40
B1
SD1
IC6405
50
26
51
25
75
1
76
100
C6423
SD43
C6405
C6421
D6407
R6405
D6411
R6409
C6430
C6427
TPSD2
IC6406
R6429
C6424
R6406
C6406
R6426
SD2
TNPA2584
ORDER NO.
SD
①
SD44
R6428
R6425
IC6407
TPSD1
C6425
C6428
C6429
D6412
R6407
R6427
C6407
D6406
PbF
SD3
IC6408
R6408
C6408
C6426
C6422

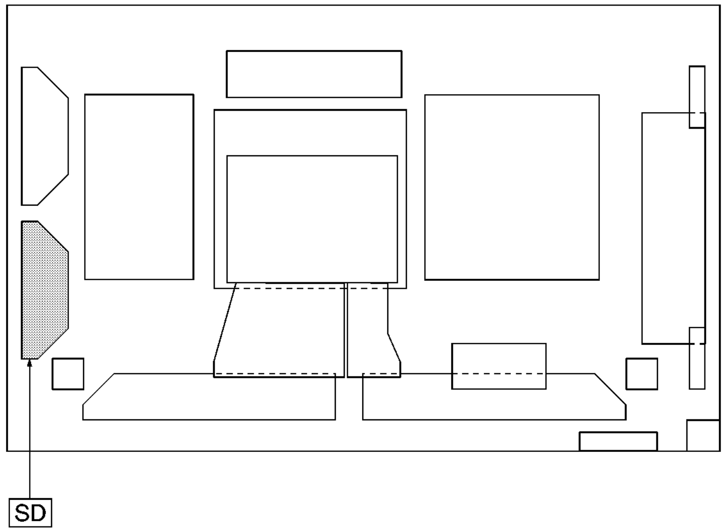
TH-42PW5/TH-42PWD5
SD-BOARD TNPA2584

TH-42PW5/TH-42PWD5
SD-BOARD TNPA2584

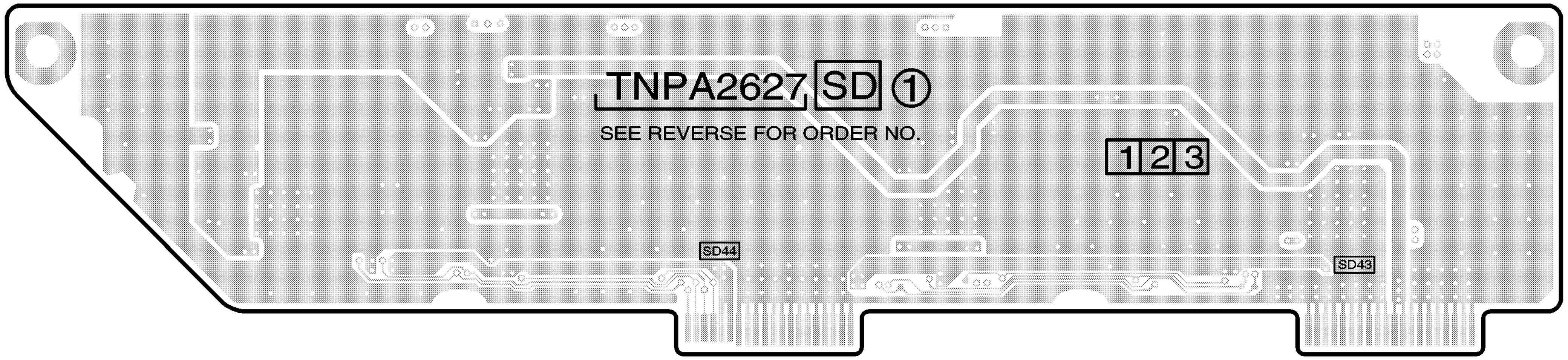
6
5
4
3
2
1

A B C D E F G H I

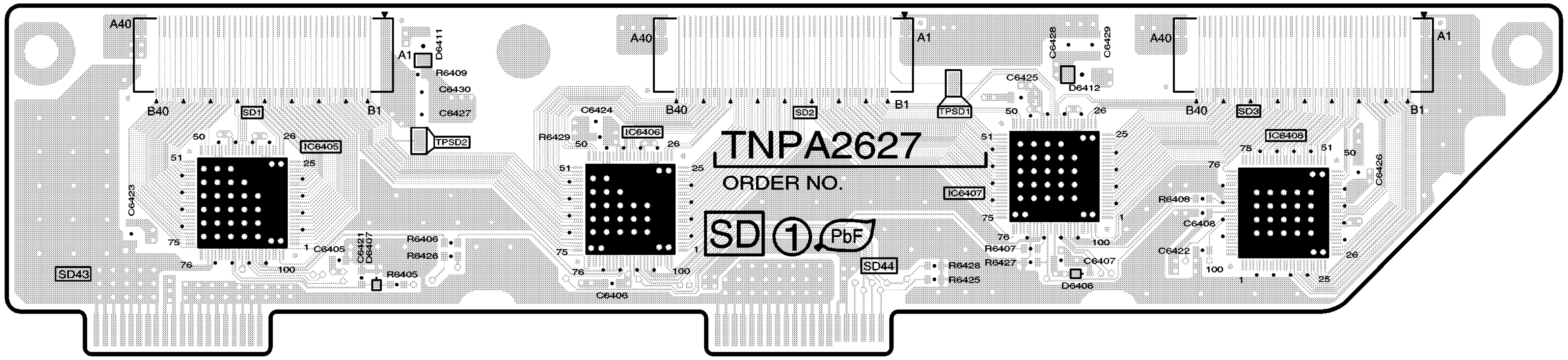
13.17. SD-Board (37 inch Models)



SD-BOARD (FOIL SIDE)
TNPA2626 (37inch Models)


TNPA2627 SD ①
SEE REVERSE FOR ORDER NO.
1 2 3
SD44
SD43

SD-BOARD (COMPONENT SIDE)
TNPA2627 (37inch Models)


A40
A1
B40
B1
SD1
D6411
R6409
C6430
C6427
TPSD2
50
26
IC6405
51
25
C6423
75
1
76
100
C6405
C6421
D6407
R6406
R6426
R6405
SD43
A40
C6424
R6429
IC6406
B40
SD2
50
26
51
25
75
1
76
100
C6406
TNPA2627
ORDER NO.
SD ① PbF
A1
B1
TPSD1
C6425
C6428
C6429
D6412
50
26
51
25
IC6407
75
1
76
100
R6407
R6427
C6407
D6406
SD44
R6428
R6425
A40
A1
B40
SD3
B1
IC6408
75
51
50
76
C6426
R6408
C6408
C6422
100
1
25
26

6
5
4
3
2
1

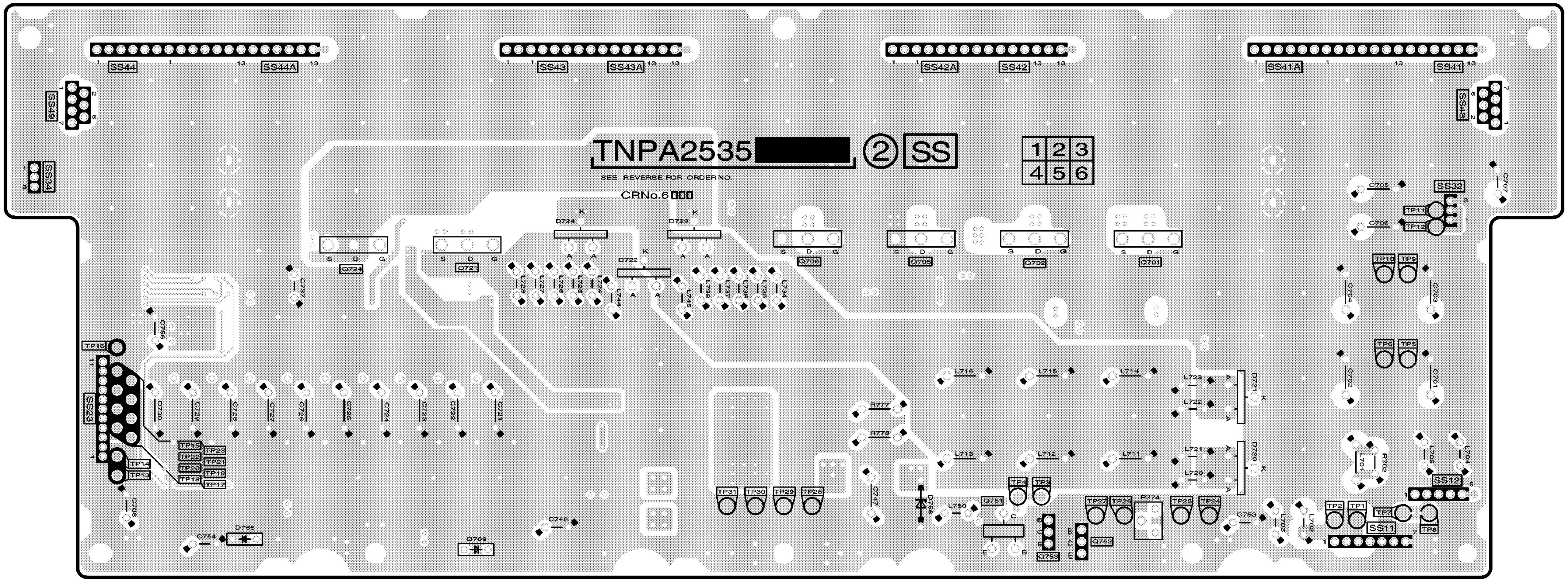
TH-37PW5/TH-37PWD5
SD-BOARD TNPA2626

TH-37PW5/TH-37PWD5
SD-BOARD TNPA2626

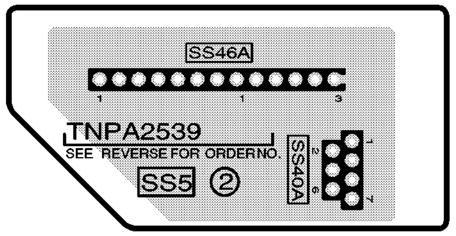
A B C D E F G H I

13.18. SS, SS2, SS3, SS4 and SS5-Board

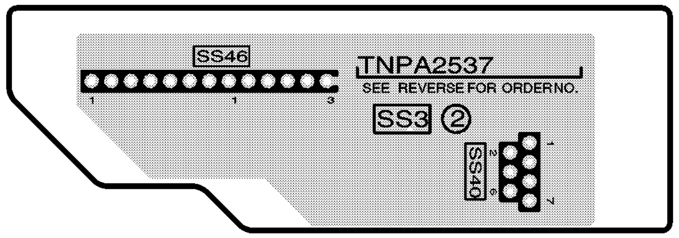
SS-BOARD (FOIL SIDE)
TNPA2535 (42inch Models)
TNPA2535AC (37inch Models)


SS44
SS44A
SS43
SS43A
SS42A
SS42
SS41A
SS41
SS49
SS48
SS34
TNPA2535
② SS
SEE REVERSE FOR ORDER NO.
CRNo.6
1 2 3
4 5 6
SS32
TP11
TP12
C705
C706
C707
D724
D729
D722
Q724
Q721
Q706
Q705
Q702
Q701
TP10
TP9
TP6
TP5
C704
C703
C702
C701
TP16
SS23
TP15
TP22
TP14
TP13
TP20
TP18
TP23
TP21
TP19
TP17
C730
C729
C728
C727
C726
C725
C724
C723
C722
C721
L716
L715
L714
L713
L712
L711
L723
L722
L721
L720
D721
D720
R777
R778
TP31
TP30
TP29
TP28
C747
D766
L750
Q751
TP4
TP3
Q753
Q752
TP27
TP26
R774
TP25
TP24
C753
L703
L702
L701
R702
L705
L704
SS12
TP2
TP1
TP7
TP8
SS11
C708
C754
D765
D769
C748
C737
C756

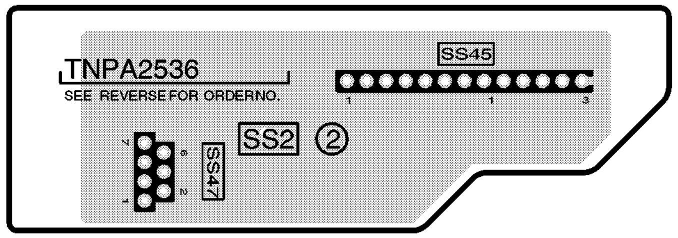
SS5-BOARD
(COMPONENT SIDE)
TNPA2539 (37inch Models)


SS46A
TNPA2539
SEE REVERSE FOR ORDER NO.
SS5 ②
SS40A

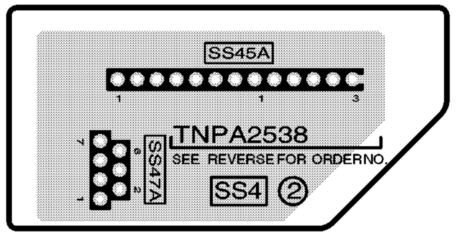
SS3-BOARD
(COMPONENT SIDE)
TNPA2537 (42inch Models)


SS46
TNPA2537
SEE REVERSE FOR ORDER NO.
SS3 ②
SS40

SS2-BOARD
(COMPONENT SIDE)
TNPA2536 (42inch Models)


TNPA2536
SEE REVERSE FOR ORDER NO.
SS45
SS2 ②
SS47

SS4-BOARD
(COMPONENT SIDE)
TNPA2538 (37inch Models)

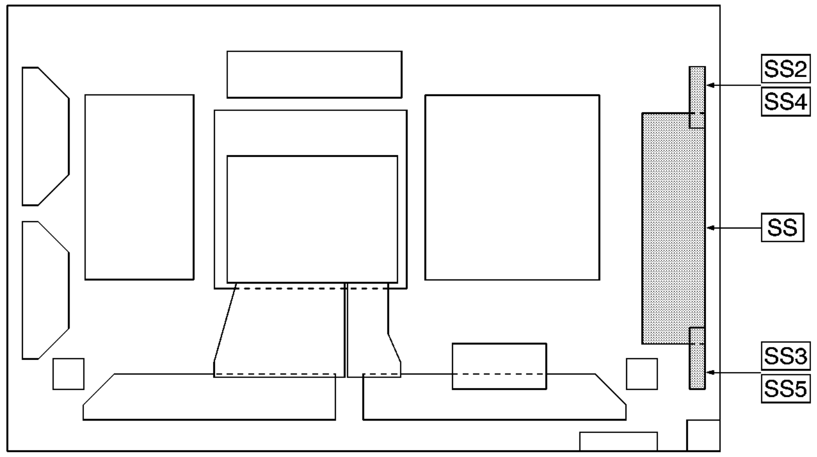

SS45A
TNPA2538
SEE REVERSE FOR ORDER NO.
SS4 ②
SS47A

TH-42PW5/TH-42PWD5 SS-BOARD TNPA2535 SS2-BOARD TNPA2536 SS3-BOARD TNPA2537
TH-37PW5/TH-37PWD5 SS-BOARD TNPA2535AC SS4-BOARD TNPA2538 SS6-BOARD TNPA2539

TH-42PW5/TH-42PWD5 SS-BOARD TNPA2535 SS2-BOARD TNPA2536 SS3-BOARD TNPA2537
TH-37PW5/TH-37PWD5 SS-BOARD TNPA2535AC SS4-BOARD TNPA2538 SS6-BOARD TNPA2539

6 5 4 3 2 1

A B C D E F G H I



Parts Location

SS-BOARD (FOIL SIDE)					
TRANSISTOR		**TP**			
Q6701	G-4	TP1	H-3	TP16	A-4
Q6702	F-4	TP2	H-3	TP17	B-3
Q6705	F-4	TP3	F-3	TP18	B-3
Q6706	E-4	TP4	F-3	TP19	B-3
Q6721	C-4	TP5	H-4	TP20	B-3
Q6724	C-4	TP6	H-4	TP21	B-3
Q6751	F-3	TP7	H-3	TP22	B-3
Q6752	G-3	TP8	H-3	TP23	B-3
Q6753	F-3	TP9	H-4	TP24	G-3
		TP10	H-4	TP25	G-3
		TP11	H-5	TP26	G-3
		TP12	H-4	TP27	G-3
		TP13	A-3	TP28	E-3
		TP14	A-3	TP29	E-3
		TP15	B-3	TP30	E-3
				TP31	E-3

Parts Location

SS-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		**TP**	
IC6701	D-4	Q6701	C-4	TPSS1	D-4
IC6702	G-4	Q6702	C-4	TPV15	B-3
IC6703	F-3	Q6705	D-4	TPVDA	A-3
IC6704	G-3	Q6706	E-4	TPVE	D-3
IC6705	H-3	Q6711	C-4	TPVSUS	B-3
IC6706	H-4	Q6712	C-4		
IC6711	C-3	Q6713	D-4		
		Q6714	E-4		
		Q6721	G-4		
		Q6724	G-4		
		Q6741	E-3		
		Q6742	E-3		
		Q6745	F-3		
		Q6746	F-3		
		Q6751	D-3		
		Q6752	C-3		
		Q6753	D-3		
		Q6755	F-3		
		Q6756	H-3		

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SS-BOARD PARTS LOCATION

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SS-BOARD PARTS LOCATION

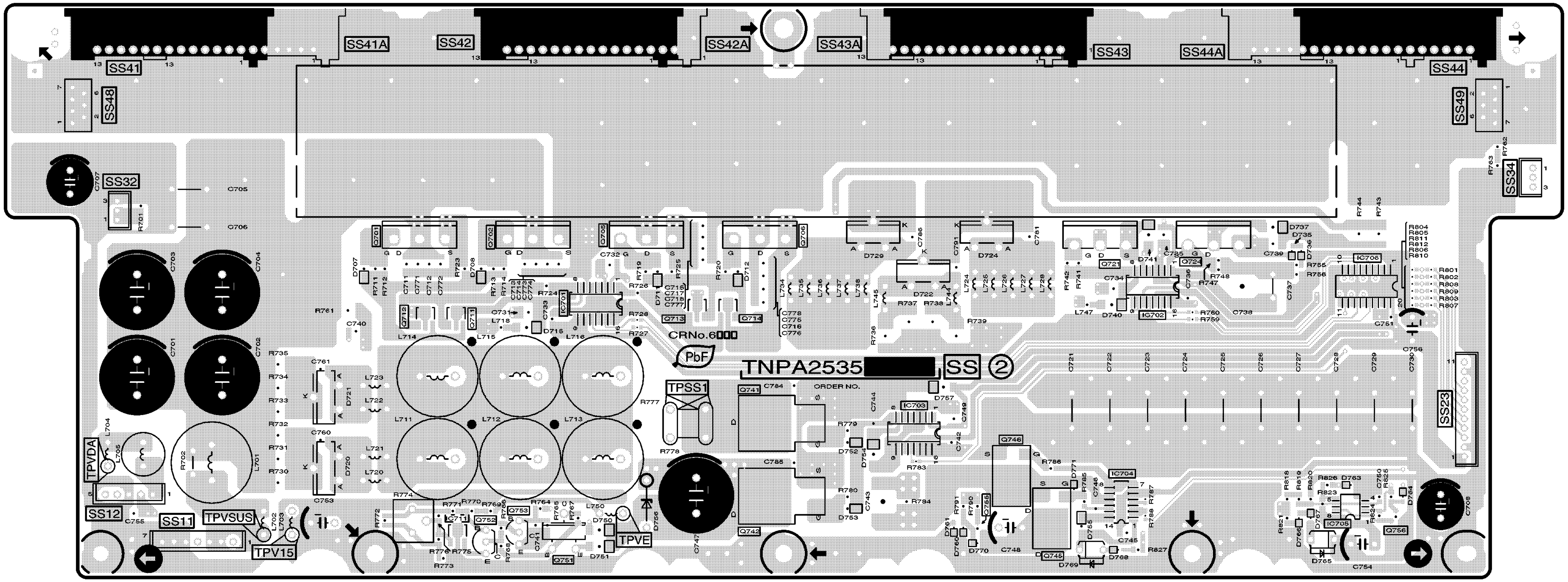
6

SS-BOARD (COMPONENT SIDE)
TNPA2535 (42inch Models)
TNPA2535AC (37inch Models)

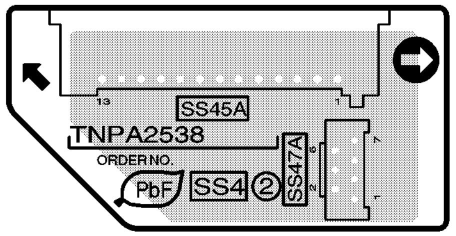
5

4

3

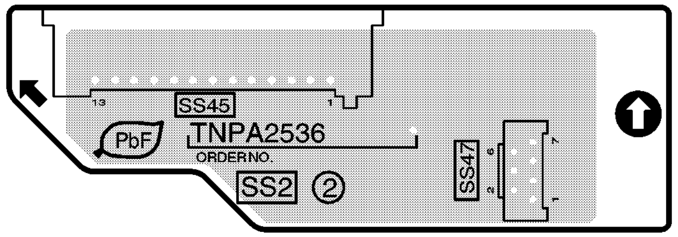

SS41
SS41A
SS42
SS42A
SS43A
SS43
SS44A
SS44
SS48
SS49
SS32
SS34
SS12
SS11
TPVSUS
TPV15
TPVDA
TPSS1
TPVE
SS23
CRNo.6000
TNPA2535
SS ②
PbF
ORDER NO.
IC701
IC702
IC703
IC704
IC705
IC706
Q701
Q702
Q705
Q706
Q711
Q712
Q713
Q714
Q721
Q724
Q741
Q742
Q746
Q748
Q751
Q752
Q753
Q756
L711
L712
L713
L714
L715
L716
C701
C702
C703
C704
C705
C706
C707
C708
C747
R701
R702

SS4-BOARD
(COMPONENT SIDE)
TNPA2538 (37inch Models)

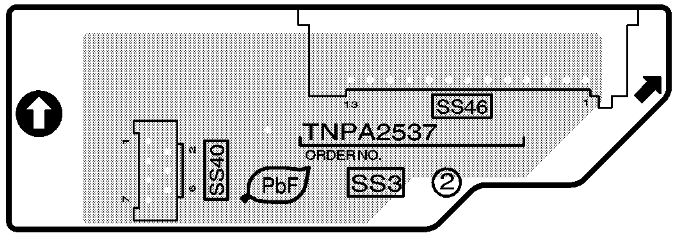

SS45A
TNPA2538
ORDER NO.
PbF
SS4 ②
SS47A

2

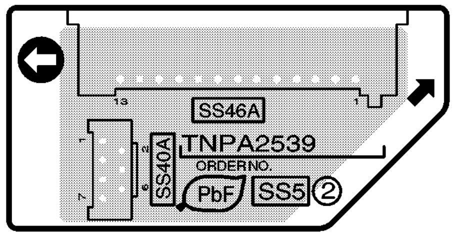
SS2-BOARD
(COMPONENT SIDE)
TNPA2536 (42inch Models)


SS45
PbF
TNPA2536
ORDER NO.
SS2 ②
SS47

SS3-BOARD
(COMPONENT SIDE)
TNPA2537 (42inch Models)


SS46
SS40
PbF
TNPA2537
ORDER NO.
SS3 ②

SS5-BOARD
(COMPONENT SIDE)
TNPA2539 (37inch Models)


SS46A
SS40A
TNPA2539
ORDER NO.
PbF
SS5 ②

1

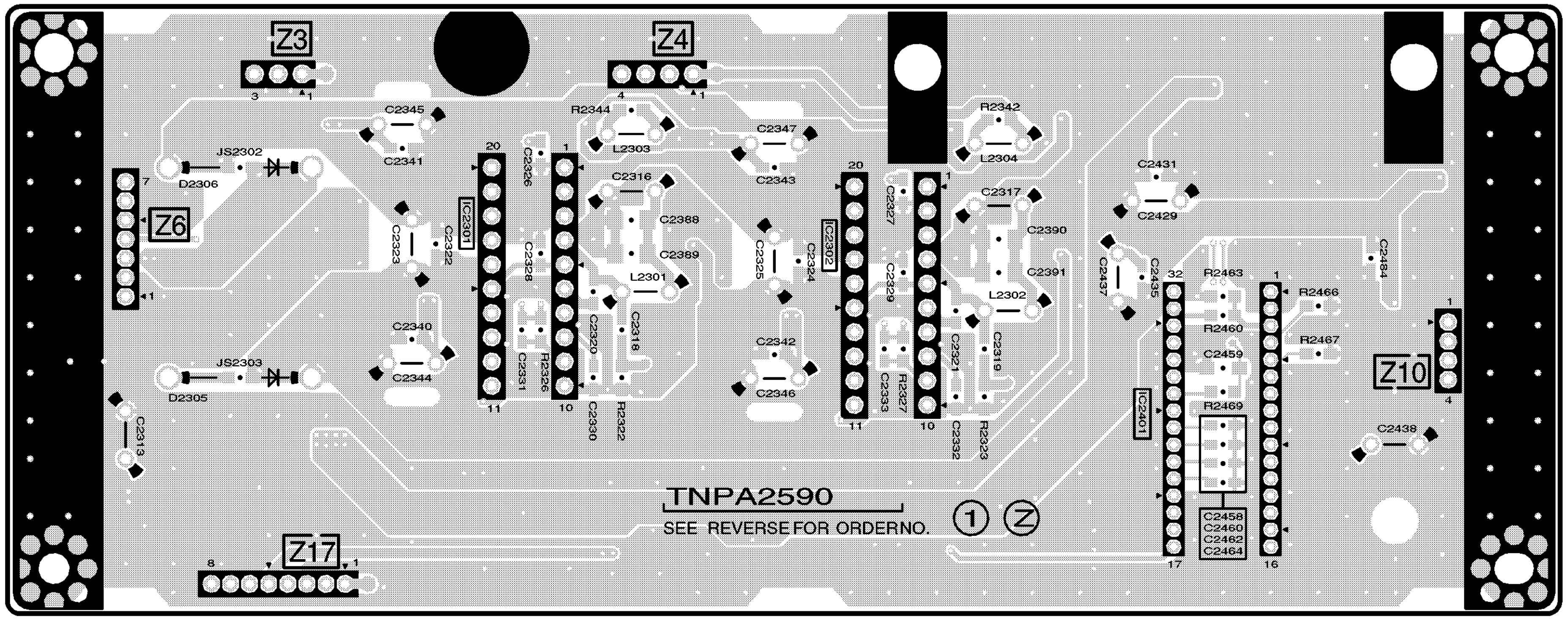
TH-42PW5/TH-42PWD5 SS-BOARD TNPA2535 SS2-BOARD TNPA2536 SS3-BOARD TNPA2537
TH-37PW5/TH-37PWD5 SS-BOARD TNPA2535AC SS4-BOARD TNPA2538 SS6-BOARD TNPA2539

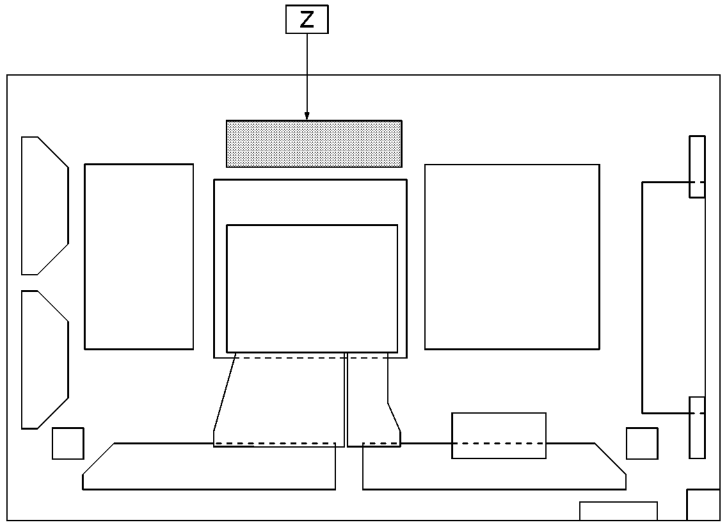
TH-42PW5/TH-42PWD5 SS-BOARD TNPA2535 SS2-BOARD TNPA2536 SS3-BOARD TNPA2537
TH-37PW5/TH-37PWD5 SS-BOARD TNPA2535AC SS4-BOARD TNPA2538 SS6-BOARD TNPA2539

A B C D E F G H I

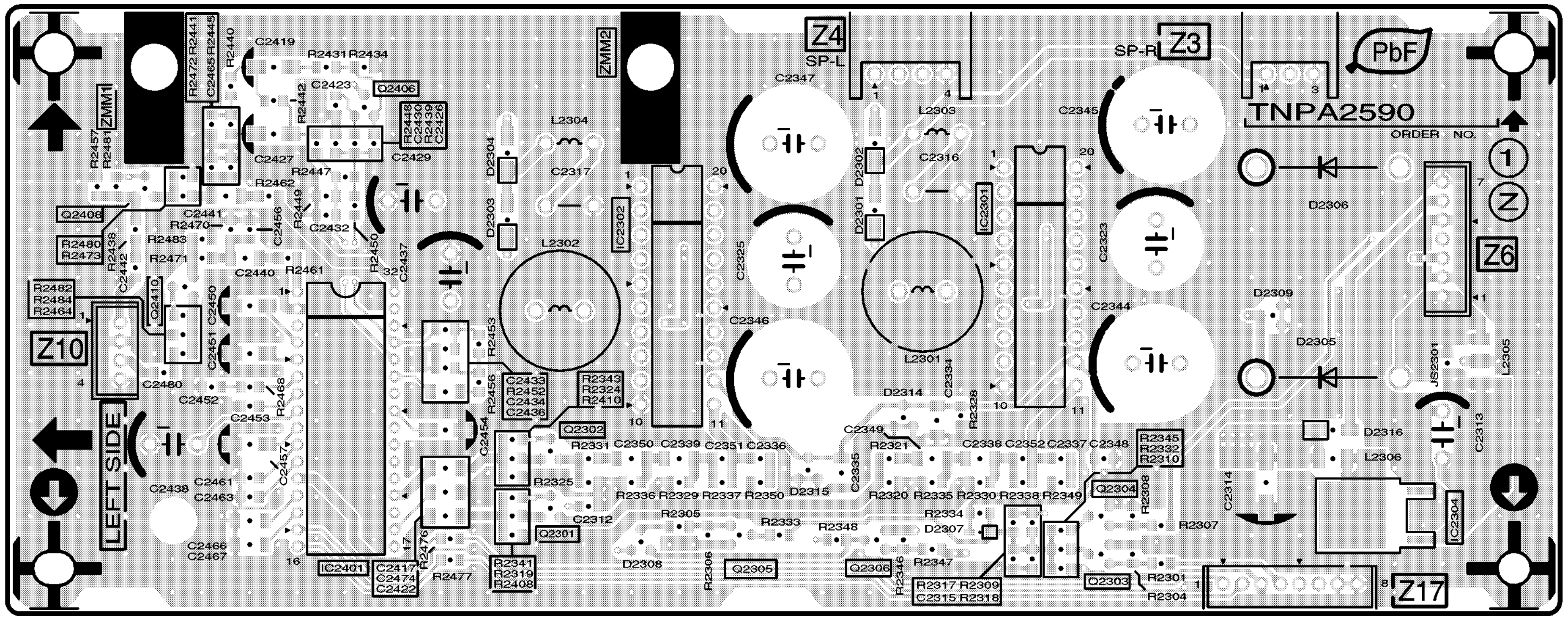
13.19. Z-Board

Z-BOARD (FOIL SIDE)
TNPA2590


Z3
Z4
Z6
Z10
Z17
IC2301
IC2302
IC2401
JS2302
JS2303
D2306
D2305
L2301
L2302
L2303
L2304
TNPA2590
SEE REVERSE FOR ORDERNO.
① Ⓩ



Z-BOARD (COMPONENT SIDE)
TNPA2590

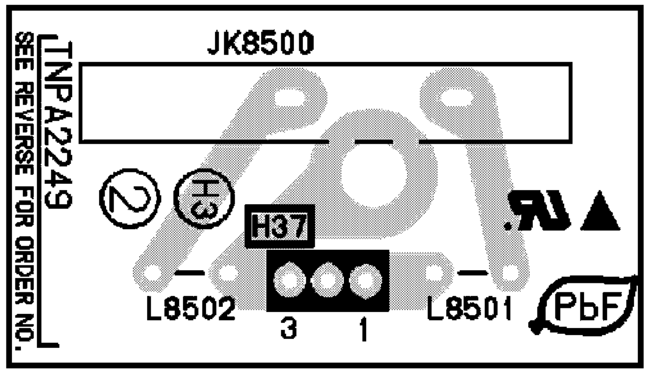

ZMM1
ZMM2
Z4
SP-L
SP-R
Z3
PbF
TNPA2590
ORDER NO.
① Ⓩ
Z6
Z10
Z17
LEFT SIDE
IC2301
IC2302
IC2304
IC2401
Q2301
Q2302
Q2303
Q2304
Q2305
Q2306
Q2406
Q2408
Q2410
D2306
D2305
D2309
D2316
L2301
L2302
L2303
L2304
L2306
JS2301
L2305

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
Z-BOARD TNPA2590

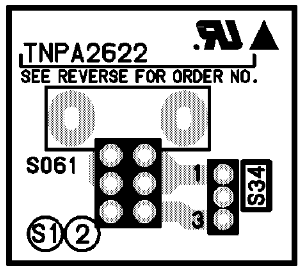
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
Z-BOARD TNPA2590

13.20. H3, S1 and V1-Board

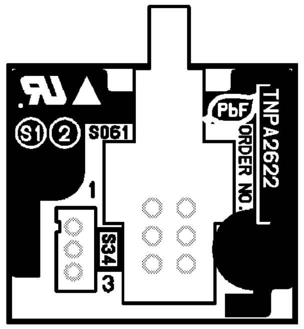
H3-BOARD
TNPA2249

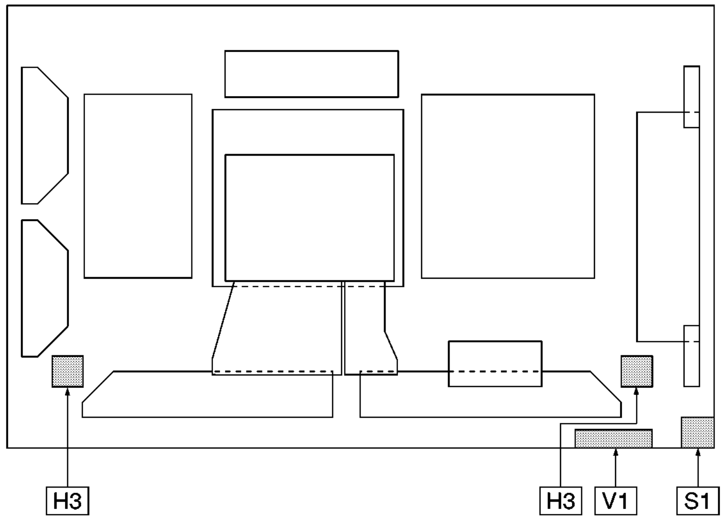

JK8500
TNPA2249
SEE REVERSE FOR ORDER NO.
②
H3
H37
L8502
3
1
L8501
PbF

S1-BOARD(FOIL SIDE)
TNPA2622

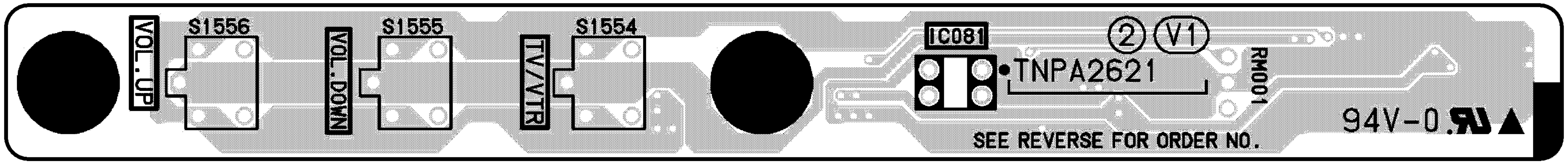

TNPA2622
SEE REVERSE FOR ORDER NO.
S061
1
S34
3
S1 ②

S1-BOARD(COMPONENT SIDE)
TNPA2622

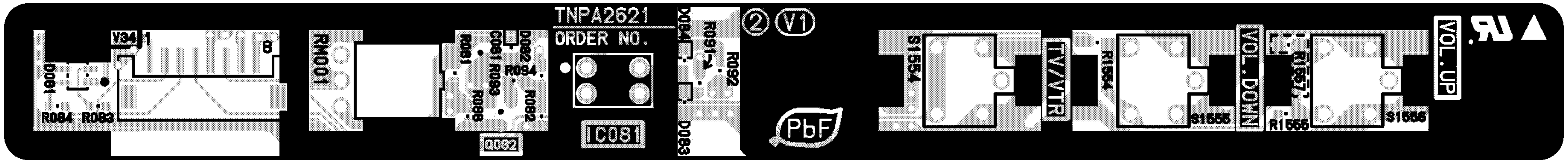

PbF
TNPA2622
ORDER NO.
S1 ②
S061
1
S34
3



V1-BOARD(FOIL SIDE)
TNPA2621


VOL. UP
S1556
VOL. DOWN
S1555
TV/VTR
S1554
IC081
② V1
TNPA2621
RM001
94V-0
SEE REVERSE FOR ORDER NO.

V1-BOARD(COMPONENT SIDE)
TNPA2621


V34
1
8
D081
R084
R083
RM001
R081
C081
R093
D082
R094
R089
R082
Q082
TNPA2621
ORDER NO.
IC081
D084
R091
R092
D083
② V1
PbF
S1554
TV/VTR
R1554
S1555
VOL. DOWN
R1557
R1555
S1556
VOL. UP

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
H3-BOARD TNPA2249
S1-BOARD TNPA2622
V1-BOARD TNPA2621

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
H3-BOARD TNPA2249
S1-BOARD TNPA2622
V1-BOARD TNPA2621

14 Block and Schematic Diagrams

14.1. Schematic Diagram Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

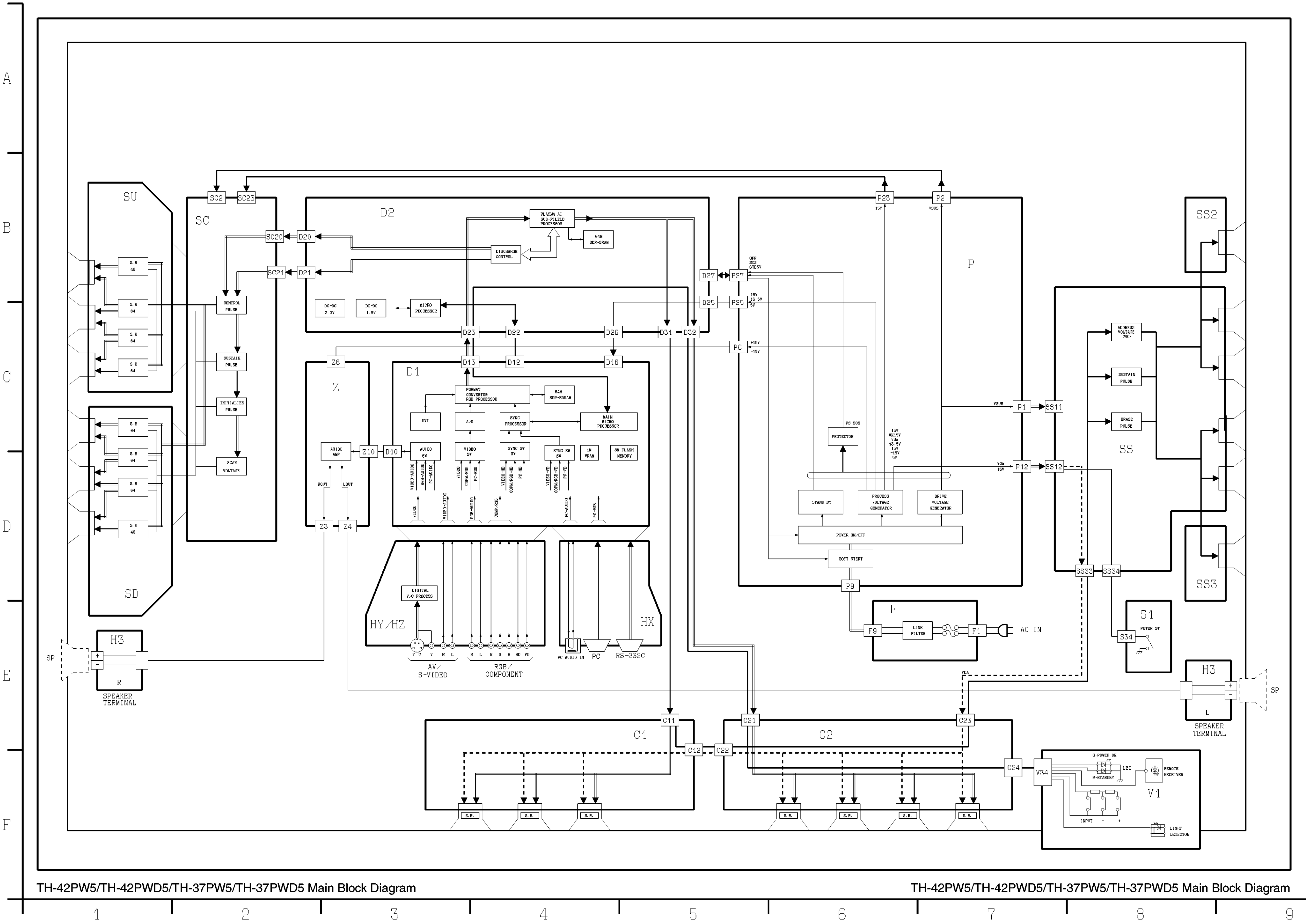
Notes:

1. **Resistor**
   All resistors are cabon 1/4W resistor, unless marked as follows:
   Unit of resistance is OHM [W] (K=1,000, M=1,000,000).
   ○ : Nonflammable　　⊠ : Metal Oxide
   △ : Solid　　◎ : Metal Film
   ⧄ : Wire Wound　　⊗ : Fuse:
2. **Capacitor**
   All capacitors are ceramic 50V capacitor, unless marked as follows:
   Unit of capacitance is mF, unless otherwise noted.
   ⊗ : Temperature Compensation　　+|| : Electrolytic
   Ⓜ : Polyester　　NP|| : Bipolar
   ⓜ : Metalized Polyester　　Ⓣ : Dipped Tantalum
   ⊠ : Polypropylene　　Ⓩ : Z-Type
3. Coil
   Unit of inductance is mF, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold)　　▽ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source ....AC 120V, 50/60Hz
   (UY/UZ VERSION model)/
   AC220-240V, 50/60Hz
   (Except UY/UZ VERSION)
   Receiving Signal .... Colour Bar signal (RF)
   All customer's controls .... Maximum positions
7. Number in red circle indicates waveform nember.
   (See waveform pattern table.)
8. When arrow mark (↗) is found, connection is easily found from the direction of arrow
9. Indicates the major signal flow. : Video ➡ Audio ⇨
10. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.
2. Following diodes are interchangeable.
   MA150- MA162 (Replacement part)

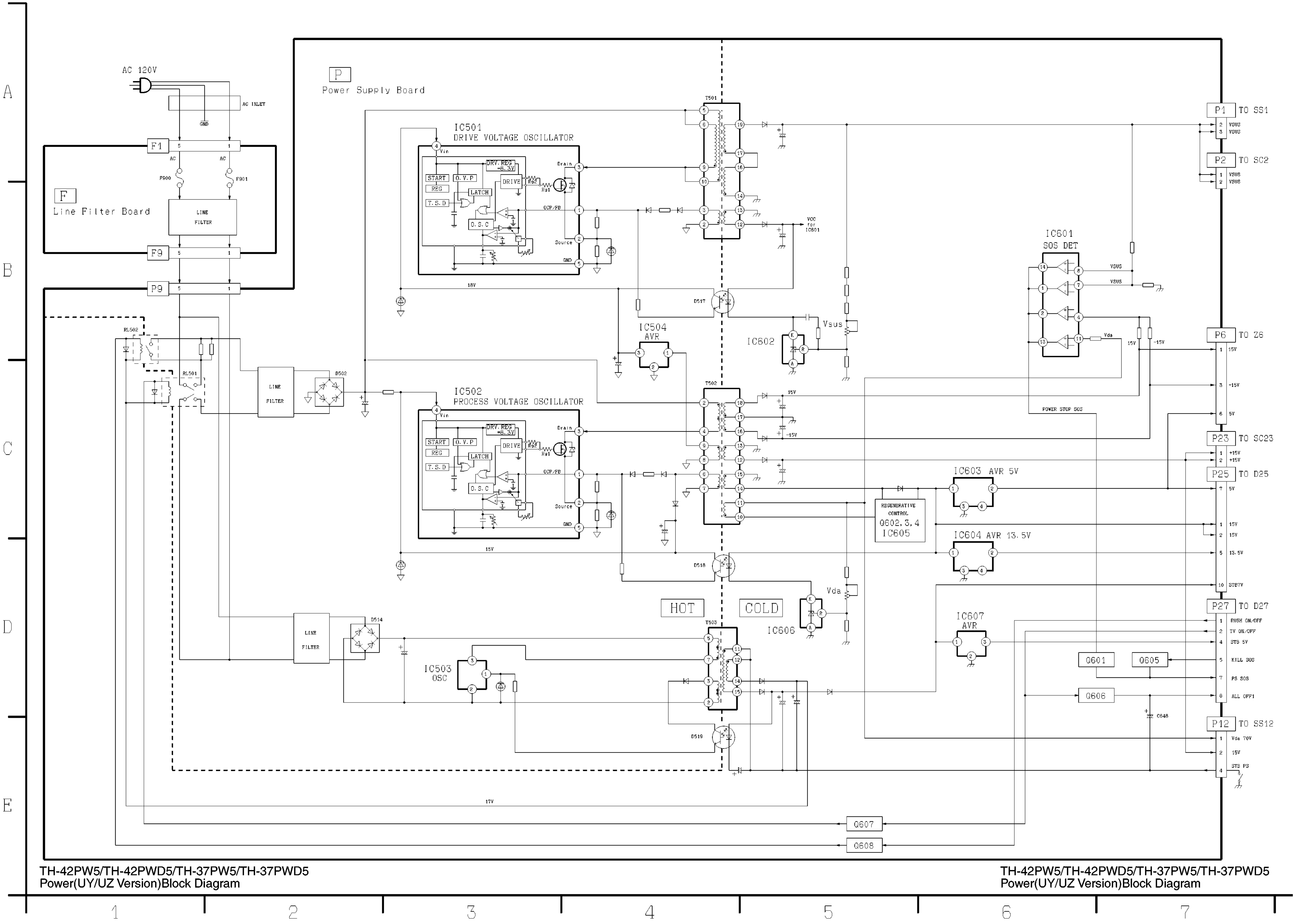
14.2. Main Block Diagram


A
B
C
D
E
F
SU
S.R 40
S.R 64
S.R 64
S.R 64
SD
S.R 64
S.R 64
S.R 64
S.R 40
SC
SC2
SC23
SC20
SC21
CONTROL PULSE
SUSTAIN PULSE
INITIALIZE PULSE
SCAN VOLTAGE
D2
D20
D21
PLASMA AI SUB-FILELD PROCESSOR
64M SDR-SRAM
DISCHARGE CONTROL
DC-DC 3.3V
DC-DC 1.8V
MICRO PROCESSOR
D23
D22
D26
D31
D32
D27
D25
Z
Z6
AUIDO AMP
Z10
ROUT
LOUT
Z3
Z4
D1
D13
D12
D16
D10
FORMAT CONVERTOR RGB PROCESSOR
64M SDR-SDRAM
DVI
A/D
SYNC PROCESSOR
MAIN MICRO PROCESSOR
AUIDO SW
VIDEO SW
SYNC SW SW
SYNC SW SW
1M VRAM
8M FLASH MEMORY
VIDEO-AUIDO
RGB-AUIDO
PC-AUIDO
VIDEO
COPM/RGB
PC-RGB
VIDEO-HD
COPM/RGB-HD
PC-HD
VIDEO-VD
COPM/RGB-VD
PC-VD
VIDEO
VIDEO-AUIDO
RGB-AUIDO
COMP/RGB
PC-AUIDO
PC-RGB
HY/HZ
DIGITAL Y/C PROCESS
Y
C
V
R
L
R
L
R
G
B
HD
VD
AV/ S-VIDEO
RGB/ COMPONENT
HX
PC AUDIO IN
PC
RS-232C
P
P23
P2
15V
VSUS
P27
OFF
SOS
STB5V
P25
15V
13.5V
5V
P6
+15V
-15V
PS SOS
PROTECTOR
15V
UN15V
Vda
13.5V
15V
-15V
5V
STAND BY
PROCESS VOLTAGE GENERATOR
DRIVE VOLTAGE GENERATOR
POWER ON/OFF
SOFT STERT
P9
VSUS
P1
Vda
15V
P12
F
F9
LINE FILTER
F1
AC IN
SS2
SS
SS11
SS12
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
ERASE PULSE
SS33
SS34
SS3
S1
POWER SW
S34
H3
SP
+
-
R
SPEAKER TERMINAL
H3
+
-
L
SP
SPEAKER TERMINAL
VDA
C1
C11
C12
C2
C21
C22
C23
C24
S.R.
S.R.
S.R.
S.R.
S.R.
S.R.
S.R.
V34
G-POWER ON
LED
R-STANDBY
REMOTE RECEIVER
V1
INPUT
-
+
LIGHT DETECTOR
1
2
3
4
5
6
7
8
9

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 Main Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 Main Block Diagram

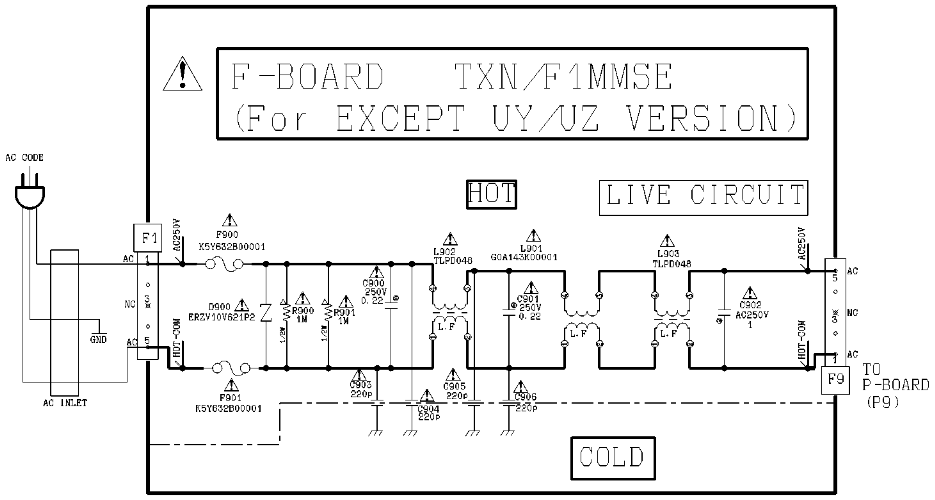
14.3. Power (UY/UZ Version) Block Diagram

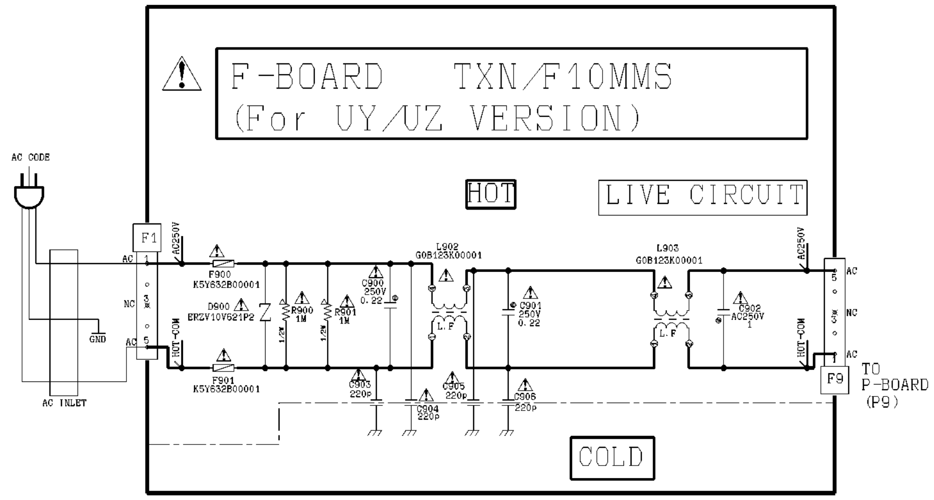

A
B
C
D
E
1
2
3
4
5
6
7
AC 120V
AC INLET
GND
F1
F
Line Filter Board
AC
F900
F901
LINE FILTER
F9
P9
P
Power Supply Board
RL502
RL501
LINE FILTER
D502
IC501
DRIVE VOLTAGE OSCILLATOR
Vin
START
O.V.P
REG
T.S.D
LATCH
O.S.C
DRV.REG +6.3V
DRIVE
Rg1
R25
Drain
OCP/FB
Source
GND
18V
T501
VCC for IC601
D517
IC504
AVR
IC602
Vsus
K
R
A
IC502
PROCESS VOLTAGE OSCILLATOR
15V
T502
-15V
D518
HOT
COLD
IC606
Vda
LINE FILTER
D514
IC503
OSC
T503
D519
17V
IC601
SOS DET
VSUS
Vda
15V
-15V
POWER STOP SOS
REGENERATIVE CONTROL
Q602,3,4
IC605
IC603 AVR 5V
IC604 AVR 13.5V
IC607
AVR
Q601
Q605
Q606
C648
Q607
Q608
P1 TO SS1
2 VSUS
3 VSUS
P2 TO SC2
1 VSUS
2 VSUS
P6 TO Z6
1 15V
3 -15V
6 5V
P23 TO SC23
1 +15V
2 +15V
P25 TO D25
7 5V
1 15V
2 15V
5 13.5V
10 STB7V
P27 TO D27
1 RUSH ON/OFF
2 TV ON/OFF
4 STB 5V
5 KILL SOS
7 PS SOS
8 ALL OFF1
P12 TO SS12
1 Vda 70V
2 15V
4 STB PS

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
Power(UY/UZ Version)Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
Power(UY/UZ Version)Block Diagram

14.4. F-Board Schematic Diagram

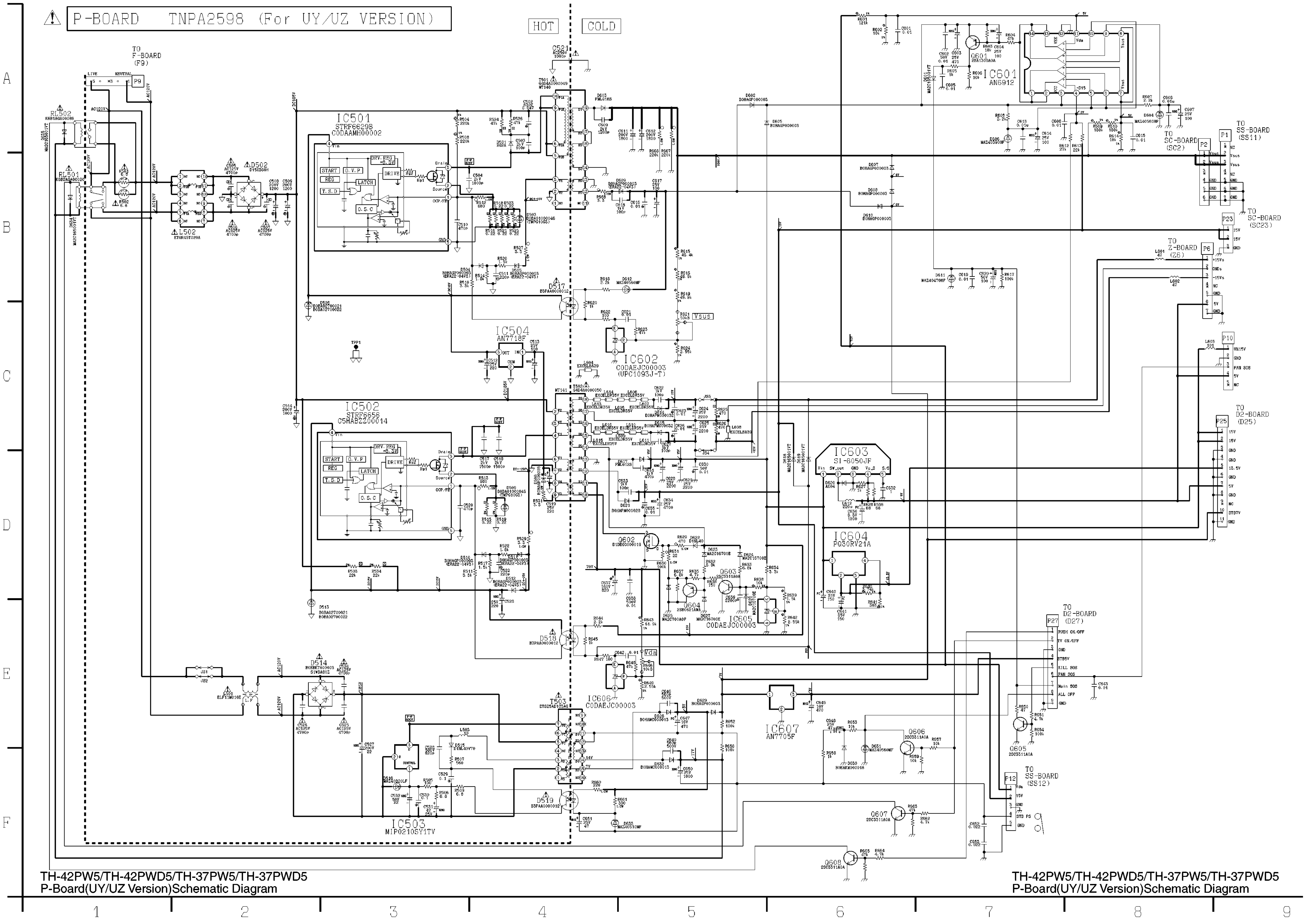

F-BOARD TXN/F1MMSE
(For EXCEPT UY/UZ VERSION)
HOT
LIVE CIRCUIT
AC CODE
AC INLET
GND
F1
AC
NC
AC
AC250V
HOT-COM
F900
K5Y632B00001
F901
K5Y632B00001
D900
ERZV10V621P2
R900
1M
R901
1M
1/2W
C900
250V
0.22
L902
TLPD048
L901
G0A143K00001
C901
250V
0.22
L903
TLPD048
L.F
C902
AC250V
1
C903
220p
C904
220p
C905
220p
C906
220p
COLD
F9
TO
P-BOARD
(P9)


F-BOARD TXN/F10MMS
(For UY/UZ VERSION)
HOT
LIVE CIRCUIT
AC CODE
AC INLET
GND
F1
AC
NC
AC
AC250V
HOT-COM
F900
K5Y632B00001
F901
K5Y632B00001
D900
ERZV10V621P2
R900
1M
R901
1M
1/2W
C900
250V
0.22
L902
G0B123K00001
C901
250V
0.22
L903
G0B123K00001
L.F
C902
AC250V
1
C903
220p
C904
220p
C905
220p
C906
220p
COLD
F9
TO
P-BOARD
(P9)

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
F-Board Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
F-Board Schematic Diagram

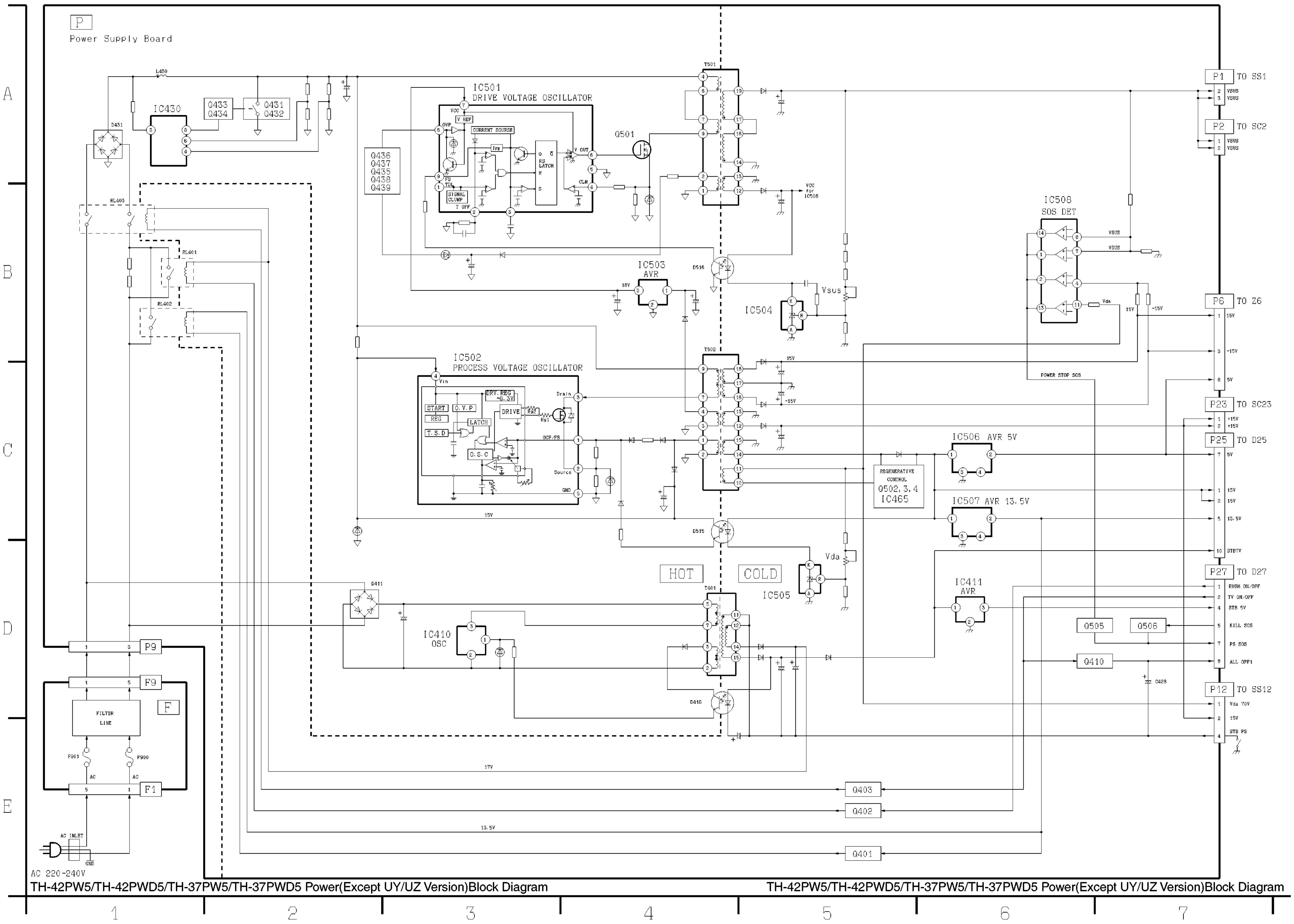
14.5. P-Board (UY/UZ Version) Schematic Diagram


P-BOARD TNPA2598 (For UY/UZ VERSION)
HOT
COLD
TO F-BOARD (F9)
P9
RL502
RL501
D502
L502
IC501
STR6629B
C0DAAMH00002
START
O.V.P
REG
LATCH
T.S.D
O.S.C
DRIVE
DRV.REG
IC502
STRF6656
C5HABZZ00014
IC503
MIP0210SY1TV
IC504
AN7718F
IC601
AN6912
IC602
C0DAEJC00003
(UPC1093J-T)
IC603
SI-8050JF
IC604
PQ30RV21A
IC605
C0DAEJC00003
IC606
C0DAEJC00003
IC607
AN7705F
T501
T502
T503
D514
D517
D518
D519
Q601
Q602
Q603
Q604
Q605
Q606
Q607
Q608
Vsus
Vda
TO SS-BOARD (SS11)
P1
TO SC-BOARD (SC2)
P2
TO SC-BOARD (SC23)
P23
TO Z-BOARD (Z6)
P6
P10
TO D2-BOARD (D25)
P25
TO D2-BOARD (D27)
P27
TO SS-BOARD (SS12)
P12
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
P-Board(UY/UZ Version)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
P-Board(UY/UZ Version)Schematic Diagram

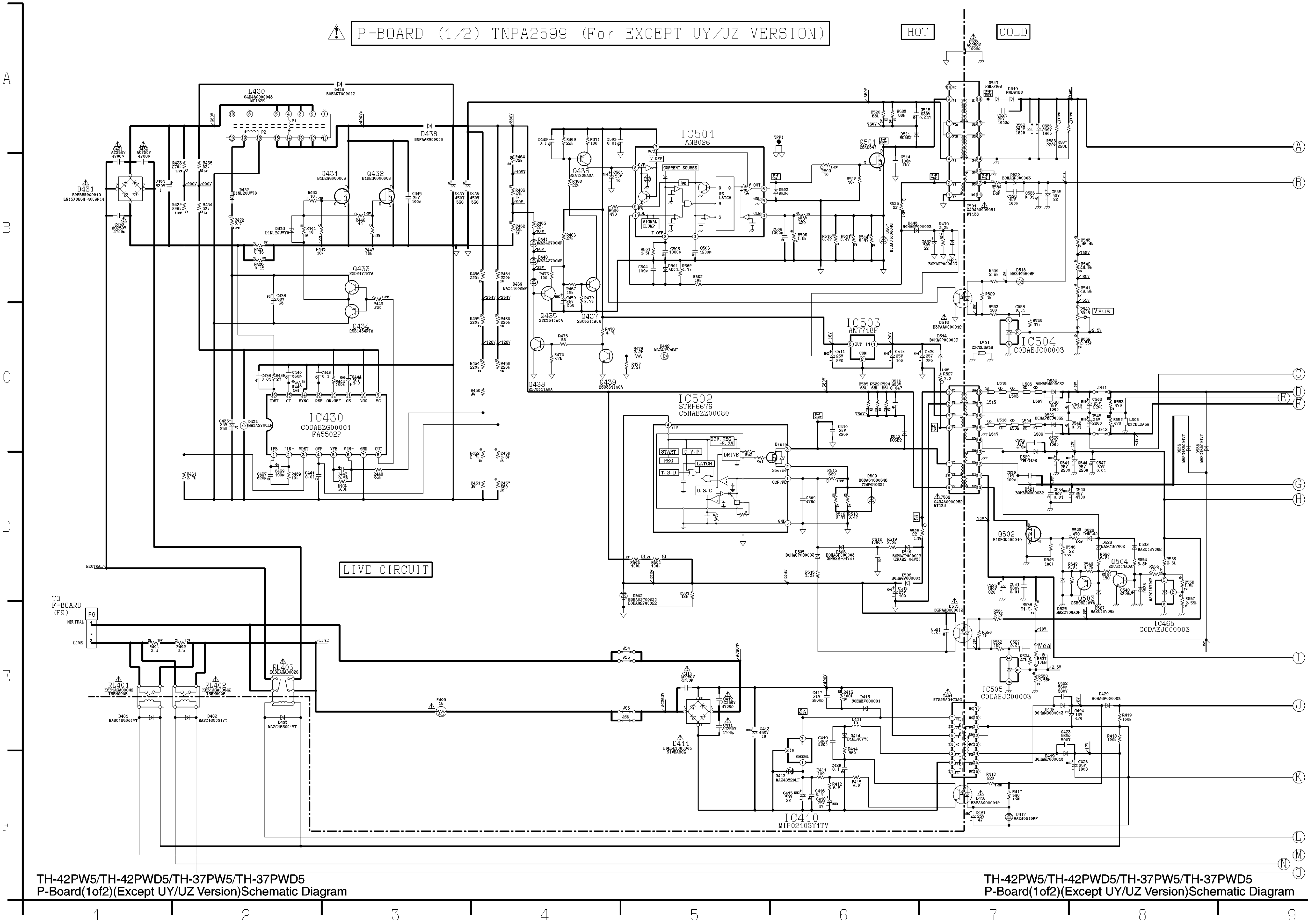
14.6. Power (Except UY/UZ Version) Block Diagram


P
Power Supply Board
L430
D431
IC430
Q433
Q434
Q431
Q432
IC501
DRIVE VOLTAGE OSCILLATOR
VCC
V REF
OVP
CURRENT SOURSE
IFB
RS LATCH
Q
R
S
V OUT
CLM
FB
TDL
SIGNAL CLUMP
T OFF
Q436
Q437
Q435
Q438
Q439
Q501
T501
VCC for IC508
IC503
AVR
18V
D516
IC504
Vsus
IC508
SOS DET
VSUS
VSUS
Vda
15V
-15V
POWER STOP SOS
RL403
RL401
RL402
IC502
PROCESS VOLTAGE OSCILLATOR
Vin
START
REG
O.V.P
T.S.D
LATCH
DRV.REG =8.3V
DRIVE
Rg2
Rg1
O.S.C
Drain
OCP/FB
Source
GND
15V
T502
15V
-15V
IC506 AVR 5V
REGENERATIVE CONTROL
Q502,3,4
IC465
IC507 AVR 13.5V
D515
Vda
HOT
COLD
IC505
D411
T401
IC410
OSC
IC411
AVR
D416
Q505
Q506
Q410
C428
P9
F9
F
FILTER LINE
F901
F900
AC
AC
F1
AC INLET
GND
AC 220-240V
17V
13.5V
Q403
Q402
Q401
P1 TO SS1
2 VSUS
3 VSUS
P2 TO SC2
1 VSUS
2 VSUS
P6 TO Z6
1 15V
3 -15V
6 5V
P23 TO SC23
1 +15V
2 +15V
P25 TO D25
7 5V
1 15V
2 15V
5 13.5V
10 STB7V
P27 TO D27
1 RUSH ON/OFF
2 TV ON/OFF
4 STB 5V
5 KILL SOS
7 PS SOS
8 ALL OFF1
P12 TO SS12
1 Vda 70V
2 15V
4 STB PS
A
B
C
D
E
1
2
3
4
5
6
7

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 Power(Except UY/UZ Version)Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 Power(Except UY/UZ Version)Block Diagram

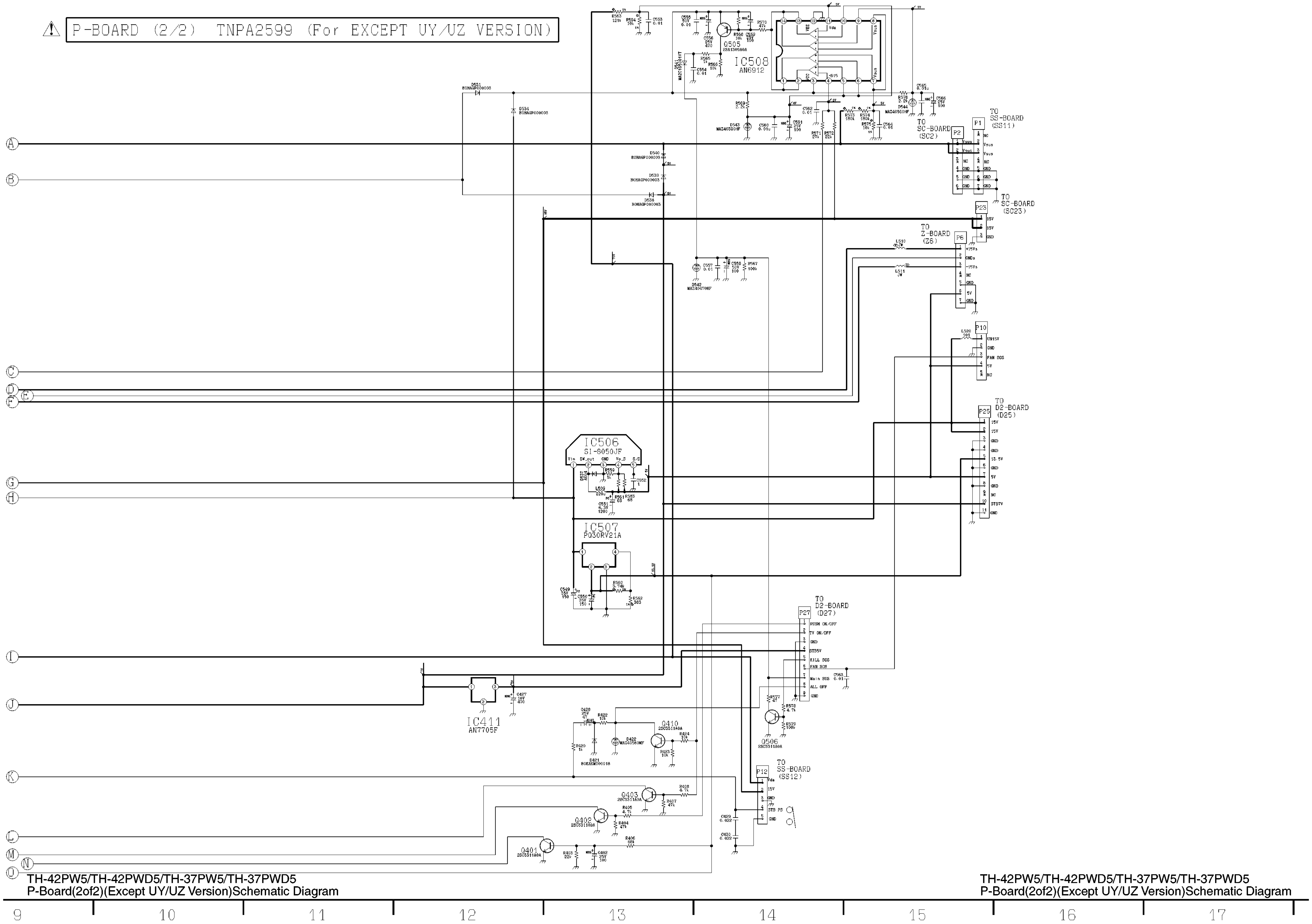
14.7. P-Board (1 of 2) (Except UY/UZ Version) Schematic Diagram


P-BOARD (1/2) TNPA2599 (For EXCEPT UY/UZ VERSION)
HOT
COLD
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
L430
D436
D438
D431
Q431
Q432
Q433
Q434
IC430
C0DABZG00001
FA5502P
IC501
AN8026
Q436
Q435
Q437
Q438
Q439
Q501
2SK2847
IC503
AN7718F
IC502
STRF6676
C5HABZZ00080
IC504
C0DAEJC00003
T501
T502
Q502
Q503
Q504
IC465
C0DAEJC00003
IC505
C0DAEJC00003
IC410
MIP0210SY1TV
T401
D411
RL401
RL402
RL403
LIVE CIRCUIT
TO F-BOARD (F9)
NEUTRAL
LIVE
Vsus
Vda
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
P-Board(1of2)(Except UY/UZ Version)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
P-Board(1of2)(Except UY/UZ Version)Schematic Diagram

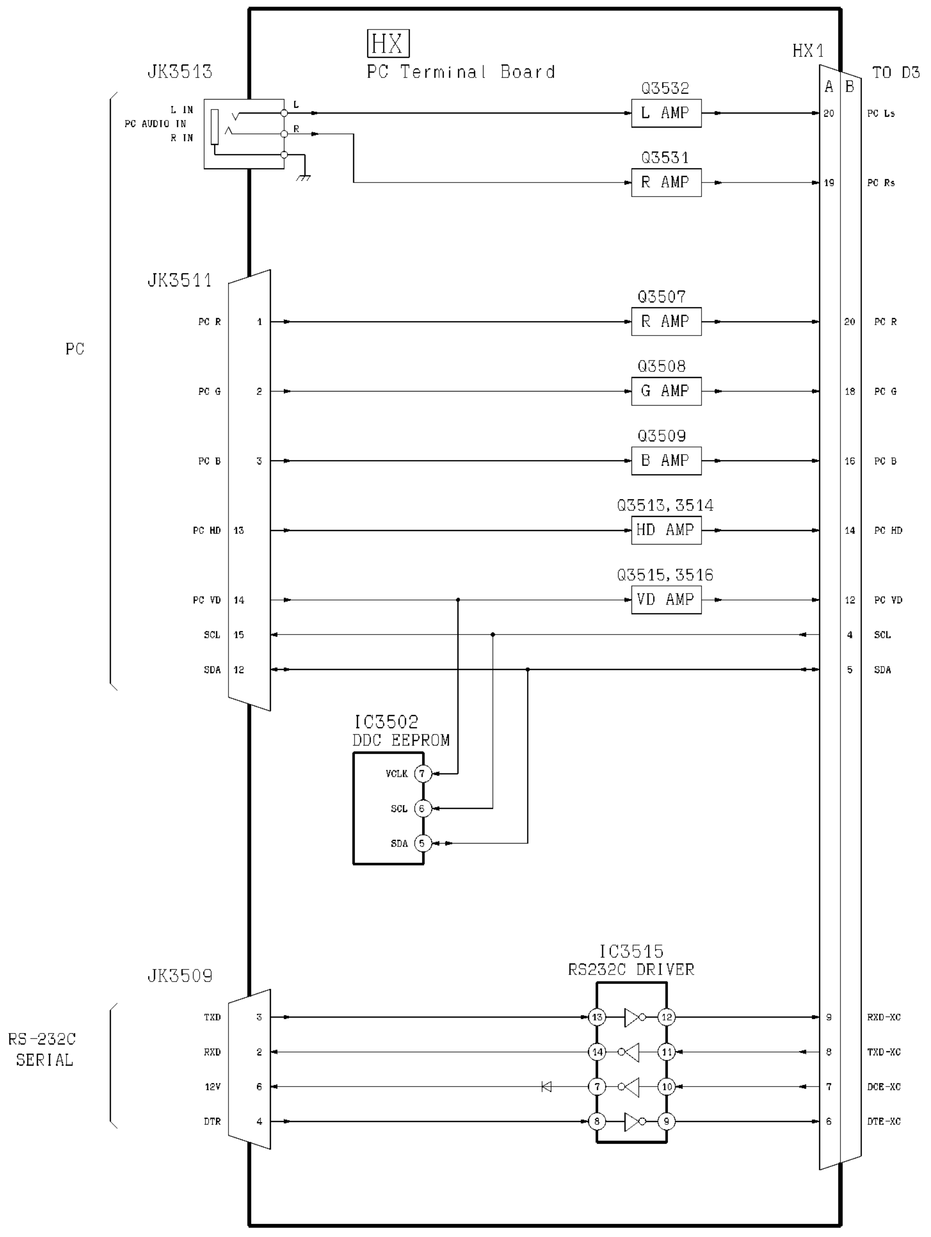
14.8. P-Board (2 of 2) (Except UY/UZ Version) Schematic Diagram


P-BOARD (2/2) TNPA2599 (For EXCEPT UY/UZ VERSION)
IC508
AN6912
Q505
IC506
SI-8050JF
IC507
PQ30RV21A
IC411
AN7705F
Q410
Q506
Q403
Q402
Q401
TO SS-BOARD (SS11)
P1
TO SC-BOARD (SC2)
P2
TO SC-BOARD (SC23)
P23
TO Z-BOARD (Z6)
P6
P10
TO D2-BOARD (D25)
P25
TO D2-BOARD (D27)
P27
TO SS-BOARD (SS12)
P12
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
9
10
11
12
13
14
15
16
17

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
P-Board(2of2)(Except UY/UZ Version)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
P-Board(2of2)(Except UY/UZ Version)Schematic Diagram

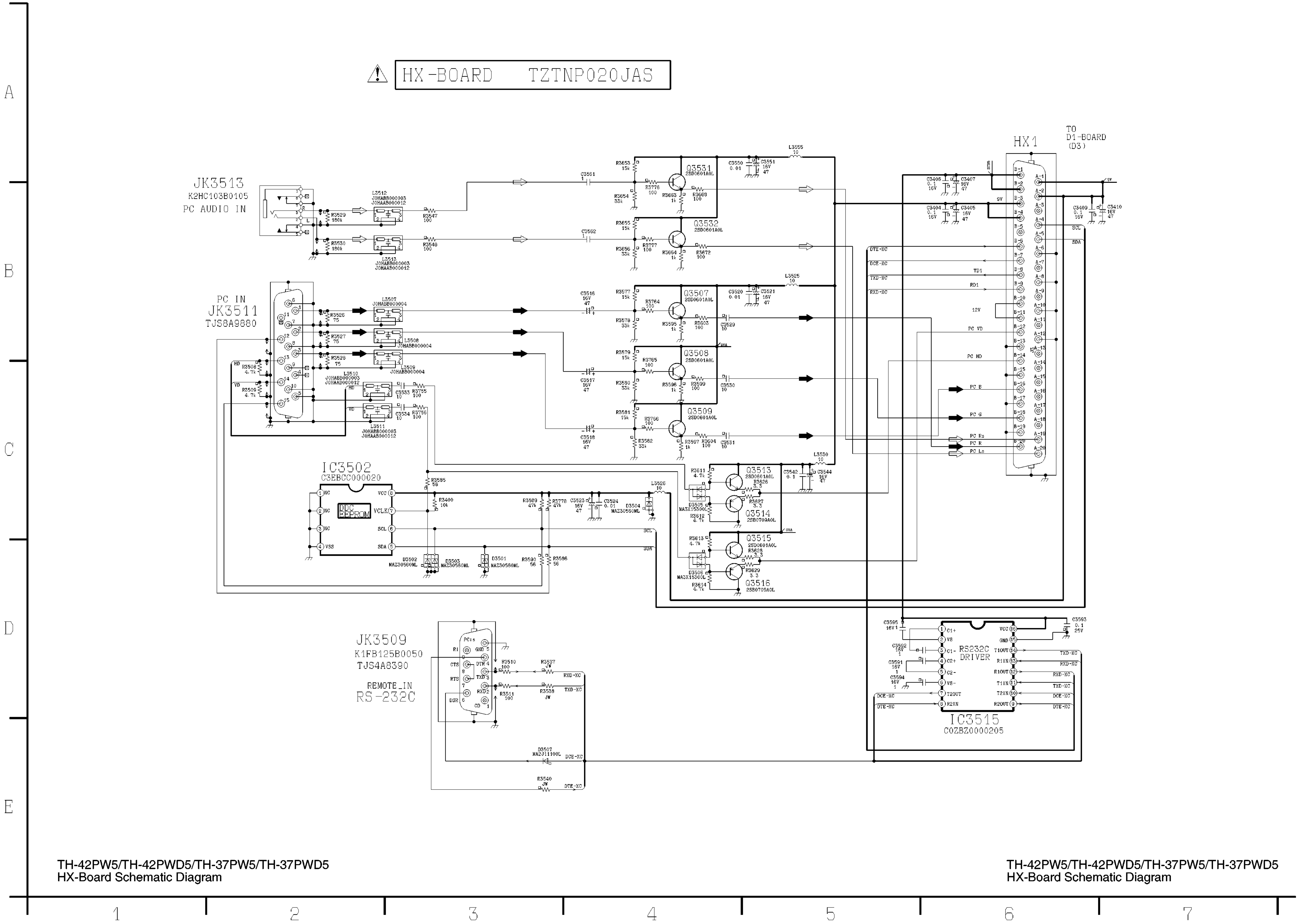
14.9. HX-Board Block Diagram


HX
PC Terminal Board
JK3513
L IN
PC AUDIO IN
R IN
L
R
Q3532
L AMP
Q3531
R AMP
HX1
A
B
TO D3
20
PC Ls
19
PC Rs
PC
JK3511
PC R
1
Q3507
R AMP
20
PC R
PC G
2
Q3508
G AMP
18
PC G
PC B
3
Q3509
B AMP
16
PC B
PC HD
13
Q3513, 3514
HD AMP
14
PC HD
PC VD
14
Q3515, 3516
VD AMP
12
PC VD
SCL
15
4
SCL
SDA
12
5
SDA
IC3502
DDC EEPROM
VCLK
7
SCL
6
SDA
5
IC3515
RS232C DRIVER
JK3509
RS-232C
SERIAL
TXD
3
13
12
9
RXD-XC
RXD
2
14
11
8
TXD-XC
12V
6
7
10
7
DCE-XC
DTR
4
8
9
6
DTE-XC

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HX-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HX-Board Block Diagram

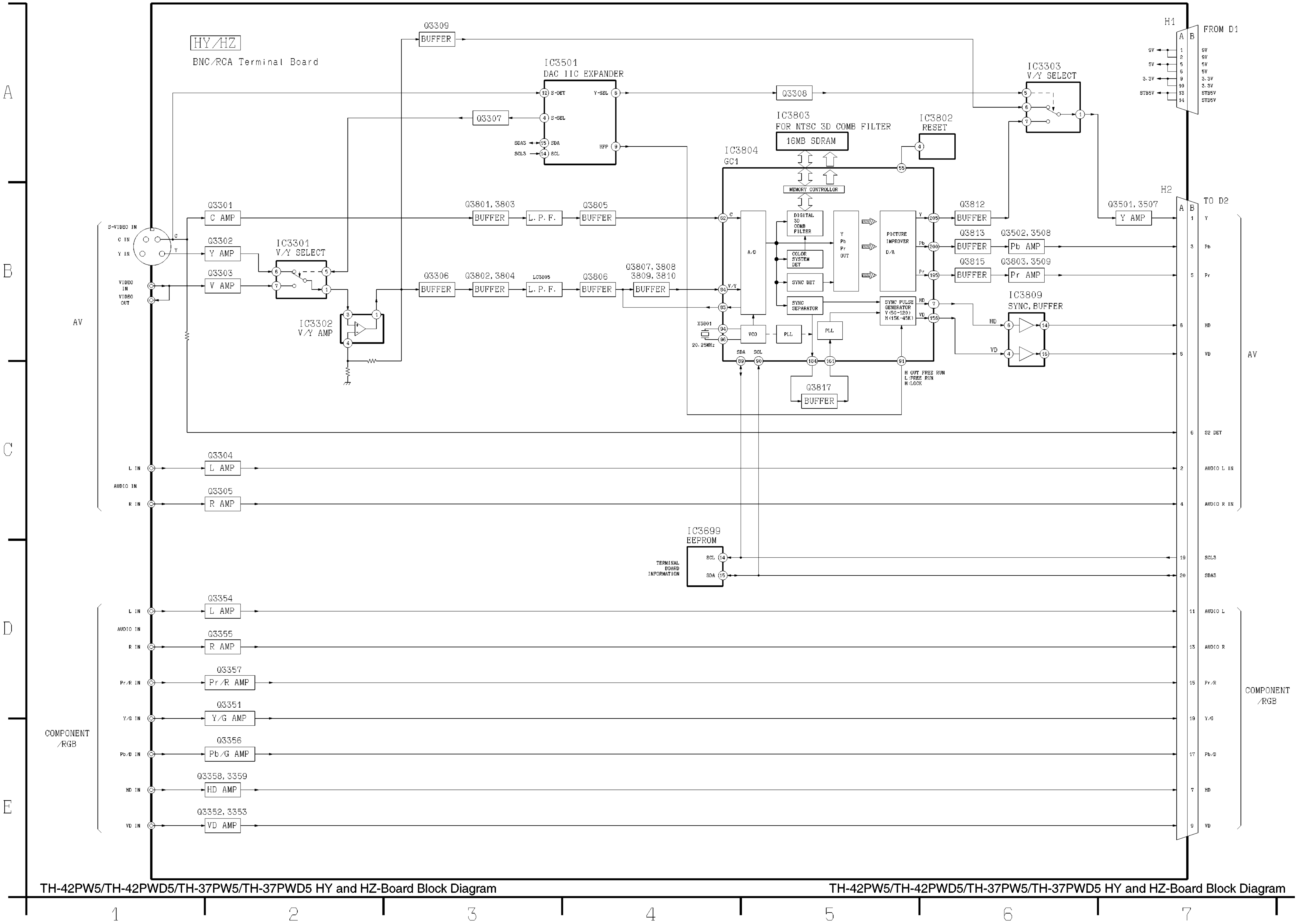
14.10. HX-Board Schematic Diagram


HX-BOARD TZTNP020JAS
JK3513
K2HC103B0105
PC AUDIO IN
PC IN
JK3511
TJS8A9880
L3512
L3513
L3507
L3508
L3509
L3510
L3511
Q3531
2SD0601A0L
Q3532
2SD0601A0L
Q3507
2SD0601A0L
Q3508
2SD0601A0L
Q3509
2SD0601A0L
Q3513
2SD0601A0L
Q3514
2SB0709A0L
Q3515
2SD0601A0L
Q3516
2SB0709A0L
IC3502
C3EBCC000020
DDC EEPROM
VCC
VCLK
SCL
SDA
VSS
NC
JK3509
K1FB125B0050
TJS4A8390
REMOTE_IN
RS-232C
HX1
TO
D1-BOARD
(D3)
PC VD
PC HD
PC B
PC G
PC R
PC Rs
PC Ls
TD1
RD1
12V
9V
5V
SCL
SDA
RS232C
DRIVER
IC3515
C0ZBZ0000205
TXD-XC
RXD-XC
DCE-XC
DTE-XC
A
B
C
D
E
1
2
3
4
5
6
7

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HX-Board Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HX-Board Schematic Diagram

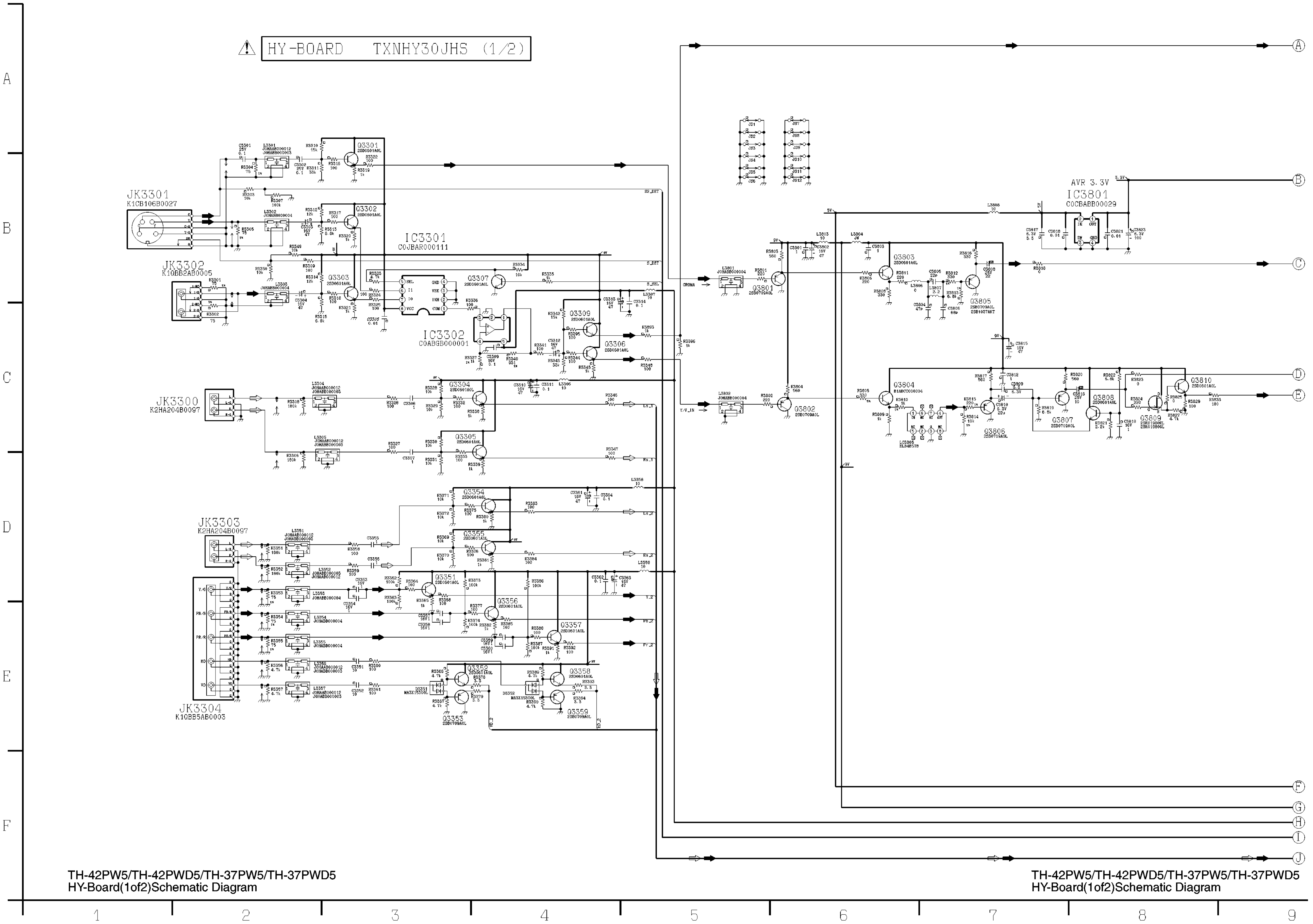
14.11. HY and HZ-Board Block Diagram


HY/HZ
BNC/RCA Terminal Board
A
B
C
D
E
1
2
3
4
5
6
7
AV
S-VIDEO IN
C IN
Y IN
C
Y
VIDEO IN
VIDEO OUT
AUDIO IN
L IN
R IN
COMPONENT /RGB
Pr/R IN
Y/G IN
Pb/B IN
HD IN
VD IN
Q3301
C AMP
Q3302
Y AMP
Q3303
V AMP
IC3301
V/Y SELECT
IC3302
V/Y AMP
Q3309
BUFFER
IC3501
DAC IIC EXPANDER
S-DET
S-SEL
SDA
SCL
Y-SEL
HFP
SDA3
SCL3
Q3307
Q3308
Q3801, 3803
BUFFER
L. P. F.
Q3805
BUFFER
Q3306
BUFFER
Q3802, 3804
BUFFER
LC3805
L. P. F.
Q3806
BUFFER
Q3807, 3808
3809, 3810
BUFFER
IC3803
FOR NTSC 3D COMB FILTER
16MB SDRAM
IC3802
RESET
IC3804
GC1
MEMORY CONTROLLOR
A/D
DIGITAL 3D COMB FILTER
COLOR SYSTEM DET
SYNC DET
SYNC SEPARATOR
Y Pb Pr OUT
PICTURE IMPROVER
D/A
SYNC PULSE GENERATOR
V (50-120)
H (15K-45K)
VCO
PLL
PLL
X3801
20.25MHz
SDA
SCL
V/Y
HD
VD
H OUT FREE RUN
L:FREE RUN
H:LOCK
Q3817
BUFFER
Q3812
BUFFER
Q3813
BUFFER
Q3502, 3508
Pb AMP
Q3815
BUFFER
Q3803, 3509
Pr AMP
IC3809
SYNC, BUFFER
IC3303
V/Y SELECT
Q3501, 3507
Y AMP
Q3304
L AMP
Q3305
R AMP
IC3699
EEPROM
TERMINAL BOARD INFORMATION
SCL
SDA
Q3354
L AMP
Q3355
R AMP
Q3357
Pr/R AMP
Q3351
Y/G AMP
Q3356
Pb/G AMP
Q3358, 3359
HD AMP
Q3352, 3353
VD AMP
H1
FROM D1
9V
5V
3.3V
STB5V
STB5V
H2
TO D2
Y
Pb
Pr
HD
VD
S2 DET
AUDIO L IN
AUDIO R IN
SCL3
SDA3
AUDIO L
AUDIO R
Pr/R
Y/G
Pb/B
HD
VD
AV
COMPONENT /RGB

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 HY and HZ-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 HY and HZ-Board Block Diagram

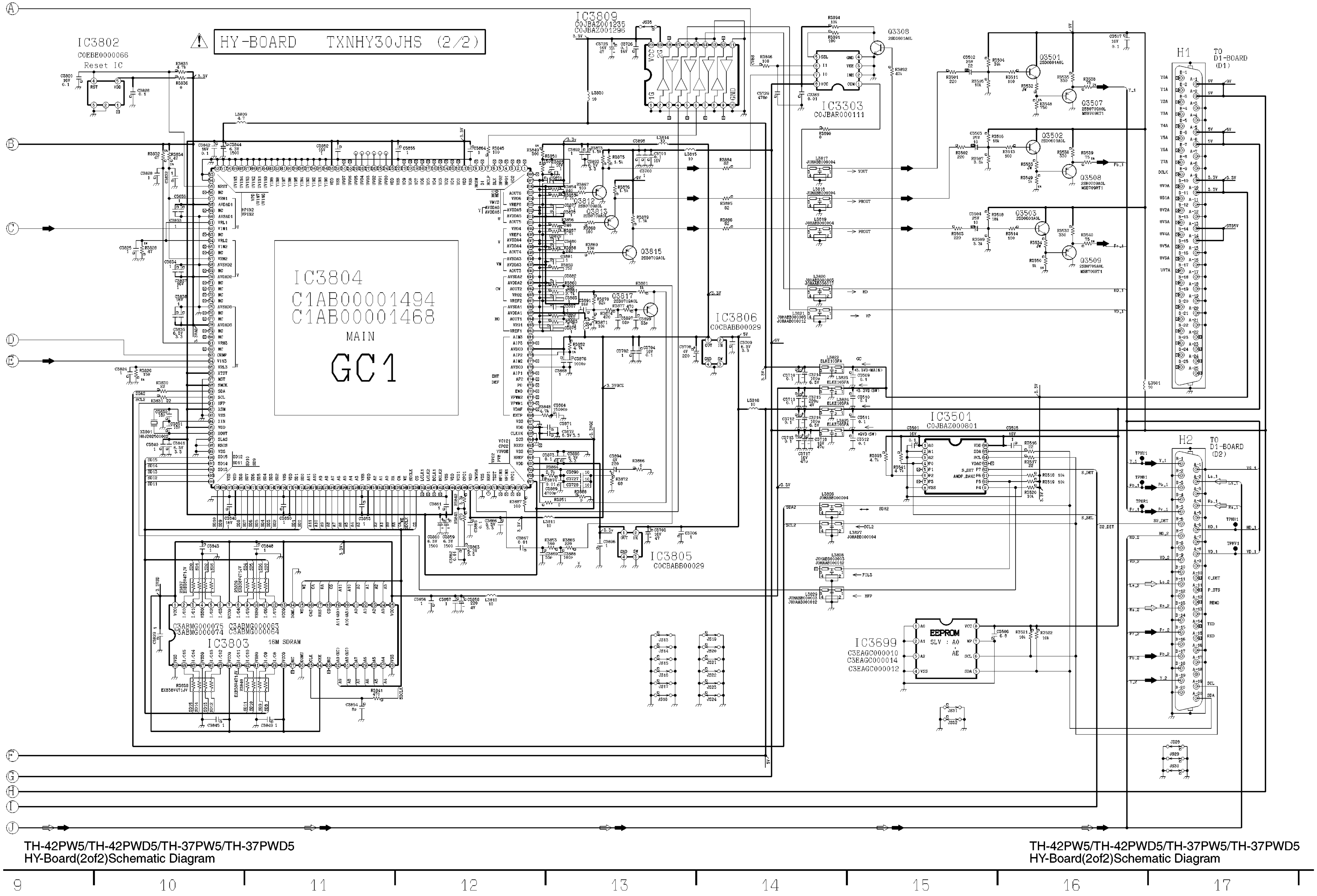
14.12. HY-Board (1 of 2) Schematic Diagram


HY-BOARD TXNHY30JHS (1/2)
JK3301
K1CB106B0027
JK3302
K10BB2AB0005
JK3300
K2HA204B0097
JK3303
K2HA204B0097
JK3304
K10BB5AB0003
IC3301
C0JBAR000111
IC3302
C0ABGB000001
Q3301
Q3302
Q3303
Q3304
Q3305
Q3306
Q3307
Q3309
Q3351
Q3352
Q3353
Q3354
Q3355
Q3356
Q3357
Q3358
Q3359
AVR 3.3V
IC3801
C0CBABB00029
Q3801
Q3802
Q3803
Q3804
Q3805
Q3806
Q3807
Q3808
Q3809
Q3810
CROMA
Y/V_IN
A
B
C
D
E
F
G
H
I
J
1
2
3
4
5
6
7
8
9

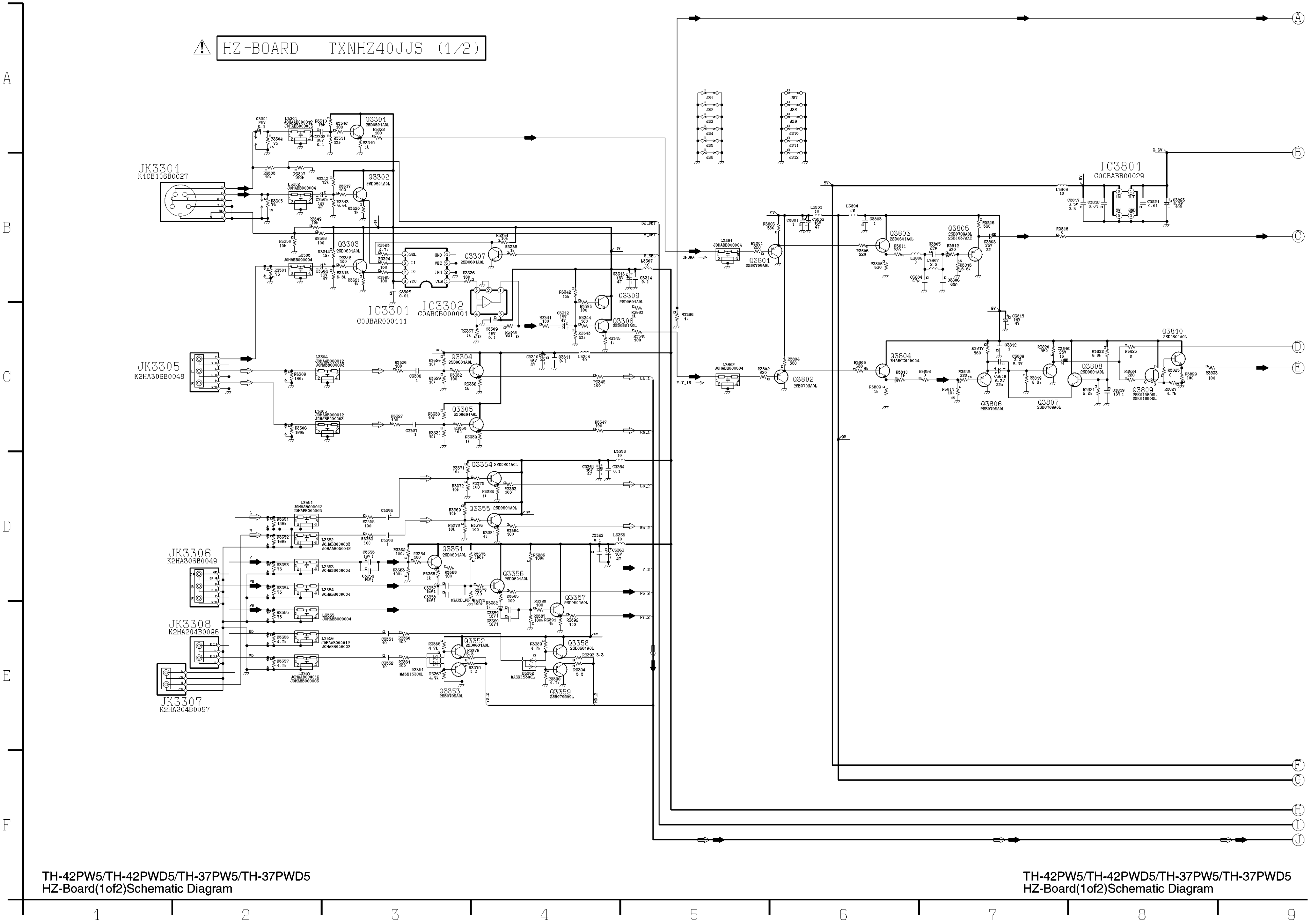
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HY-Board(1of2)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HY-Board(1of2)Schematic Diagram

14.13. HY-Board (2 of 2) Schematic Diagram


HY-BOARD TXNHY30JHS (2/2)
IC3802
C0EBE0000066
Reset IC
IC3809
C0JBAZ001235
C0JBAZ001295
IC3804
C1AB00001494
C1AB00001468
MAIN
GC1
IC3303
C0JBAR000111
Q3308
Q3501
Q3502
Q3503
Q3507
Q3508
Q3509
Q3812
Q3813
Q3815
Q3817
IC3806
C0CBABB00029
IC3805
C0CBABB00029
IC3501
C0JBAZ000801
IC3699
C3EAGC000010
C3EAGC000014
C3EAGC000012
EEPROM
IC3803
16M SDRAM
C3ABMG000075
C3ABMG000074
C3ABMG000063
C3ABMG000064
H1
TO D1-BOARD (D1)
H2
TO D1-BOARD (D2)
A
B
C
D
E
F
G
H
I
J
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HY-Board(2of2)Schematic Diagram
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HY-Board(2of2)Schematic Diagram
9
10
11
12
13
14
15
16
17

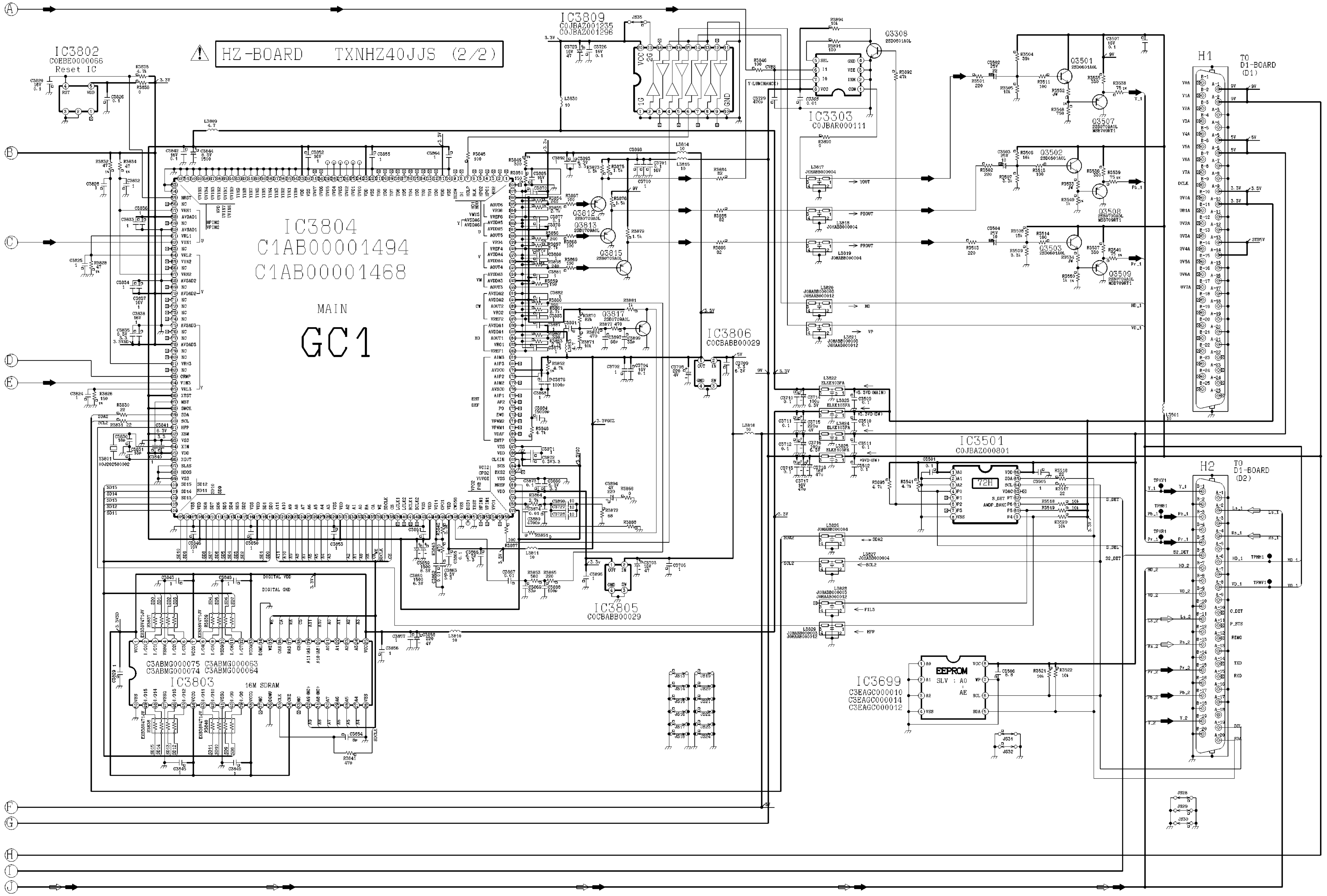
14.14. HZ-Board (1 of 2) Schematic Diagram


HZ-BOARD TXNHZ40JJS (1/2)
JK3301
K1CB106B0027
JK3305
K2HA306B0048
JK3306
K2HA306B0049
JK3308
K2HA204B0096
JK3307
K2HA204B0097
IC3301
C0JBAR000111
IC3302
C0ABGB000001
IC3801
C0CBABB00029
Q3301
Q3302
Q3303
Q3304
Q3305
Q3306
Q3307
Q3309
Q3351
Q3352
Q3353
Q3354
Q3355
Q3356
Q3357
Q3358
Q3359
Q3801
Q3802
Q3803
Q3804
Q3805
Q3806
Q3807
Q3808
Q3809
Q3810
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
Ⓐ
Ⓑ
Ⓒ
Ⓓ
Ⓔ
Ⓕ
Ⓖ
Ⓗ
Ⓘ
Ⓙ

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HZ-Board(1of2)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HZ-Board(1of2)Schematic Diagram

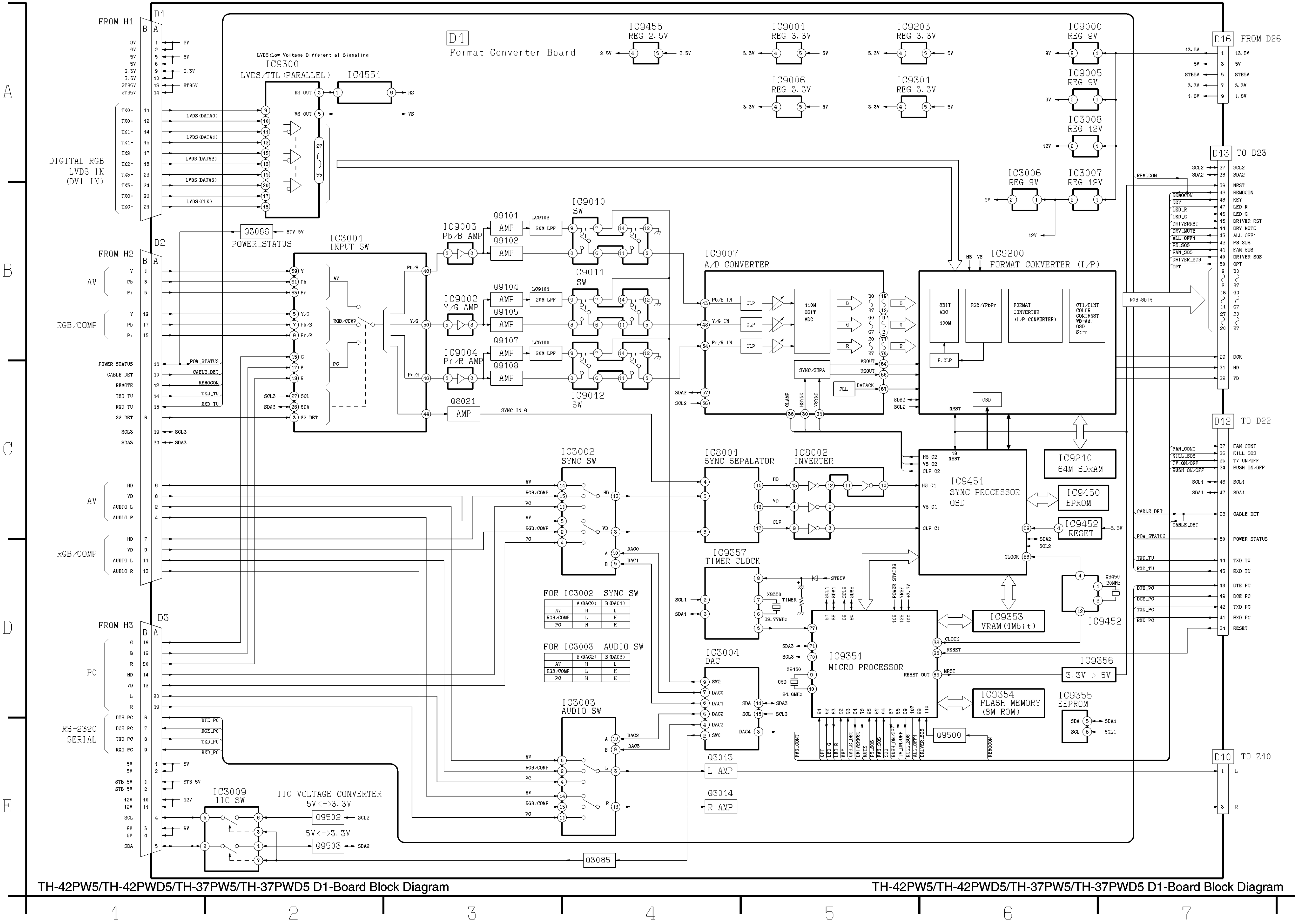
14.15. HZ-Board (2 of 2) Schematic Diagram


HZ-BOARD TXNHZ40JJS (2/2)
IC3802
C0EBE0000056
Reset IC
IC3809
C0JBAZ001235
C0JBAZ001296
IC3804
C1AB00001494
C1AB00001468
MAIN
GC1
IC3303
C0JBAR000111
Q3308
Q3501
Q3507
Q3502
Q3508
Q3503
Q3509
Q3812
Q3813
Q3815
Q3817
IC3806
C0CBABB00029
IC3805
C0CBABB00029
IC3803
C3ABMG000075 C3ABMG000063
C3ABMG000074 C3ABMG000064
16M SDRAM
DIGITAL VDD
DIGITAL GND
IC3501
C0JBAZ000801
IC3699
C3EAGC000010
C3EAGC000014
C3EAGC000012
EEPROM
H1
TO D1-BOARD (D1)
H2
TO D1-BOARD (D2)
YOUT
PBOUT
PROUT
HD
VD
SDA2
SCL2
FIL3
HFP
A
B
C
D
E
F
G
H
I
J
9
10
11
12
13
14
15
16
17

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HZ-Board(2of2)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
HZ-Board(2of2)Schematic Diagram

14.16. D1-Board Block Diagram


A
B
C
D
E
1
2
3
4
5
6
7
D1
FROM H1
B A
9V
5V
3.3V
STB5V
DIGITAL RGB
LVDS IN
(DVI IN)
TX0-
TX0+
TX1-
TX1+
TX2-
TX2+
TX3-
TX3+
TXC-
TXC+
LVDS (DATA0)
LVDS (DATA1)
LVDS (DATA2)
LVDS (DATA3)
LVDS (CLK)
LVDS:Low Voltage Differential Signaling
IC9300
LVDS/TTL (PARALLEL)
HS OUT
VS OUT
IC4551
HS
VS
D1
Format Converter Board
Q3086
POWER_STATUS
STV 5V
D2
FROM H2
AV
Y
Pb
Pr
RGB/COMP
POWER STATUS
CABLE DET
REMOTE
TXD TU
RXD TU
S2 DET
SCL3
SDA3
POW_STATUS
CABLE_DET
REMOCON
TXD_TU
RXD_TU
IC3001
INPUT SW
Y/G
Pb/B
Pr/R
G
B
R
SCL
SDA
PC
IC9003
Pb/B AMP
IC9002
Y/G AMP
IC9004
Pr/R AMP
Q9101
Q9102
Q9104
Q9105
Q9107
Q9108
AMP
LC9102
LC9101
LC9100
20M LPF
IC9010
SW
IC9011
SW
IC9012
SW
Q8021
AMP
SYNC ON G
IC9455
REG 2.5V
2.5V
3.3V
IC9001
REG 3.3V
IC9006
REG 3.3V
IC9203
REG 3.3V
IC9301
REG 3.3V
5V
IC9000
REG 9V
IC9005
REG 9V
IC3008
REG 12V
IC3006
REG 9V
IC3007
REG 12V
12V
D16
FROM D26
13.5V
1.8V
D13
TO D23
SCL2
SDA2
NRST
REMOCON
KEY
LED R
LED G
DRIVER RST
DRV MUTE
ALL OFF1
PS SOS
FAN SOS
DRIVER SOS
OPT
LED_R
LED_G
DRIVERRST
DRV_MUTE
ALL_OFF1
PS_SOS
FAN_SOS
DRIVER_SOS
B0
B7
G0
G7
R0
R7
DCK
HD
VD
IC9007
A/D CONVERTER
Pb/B IN
Y/G IN
Pr/R IN
CLP
110M
8BIT
ADC
SYNC/SEPA
PLL
VSOUT
HSOUT
DATACK
CLAMP
HSYNC
VSYNC
HS
VS
IC9200
FORMAT CONVERTER (I/P)
8BIT
ADC
100M
RGB/YPbPr
FORMAT
CONVERTER
(I/P CONVERTER)
CTI/TINT
COLOR
CONTRAST
WB-Adj
OSD
St-r
F.CLP
OSD
RGB:8bit
IC9210
64M SDRAM
D12
TO D22
FAN CONT
KILL SOS
TV ON/OFF
RUSH ON/OFF
FAN_CONT
KILL_SOS
TV_ON/OFF
RUSH_ON/OFF
SCL1
SDA1
CABLE DET
POWER STATUS
TXD TU
RXD TU
DTE PC
DCE PC
TXD PC
RXD PC
RESET
IC3002
SYNC SW
AV
RGB/COMP
PC
DAC0
DAC1
IC8001
SYNC SEPALATOR
IC8002
INVERTER
CLP
IC9451
SYNC PROCESSOR
OSD
HS C2
VS C2
CLP C2
HS C1
VS C1
CLP C1
CLOCK
IC9450
EPROM
IC9452
RESET
3.3V
X9450
20MHz
IC9452
D3
FROM H3
PC
L
R
RS-232C
SERIAL
DTE PC
DCE PC
TXD PC
RXD PC
DTE_PC
DCE_PC
TXD_PC
RXD_PC
STB 5V
IC3009
IIC SW
IIC VOLTAGE CONVERTER
5V<->3.3V
Q9502
Q9503
Q3085
IC9357
TIMER CLOCK
STB5V
X9350
TIMER
32.77MHz
IC9351
MICRO PROCESSOR
RESET OUT
POWER STATUS
VREF
+3.3V
X9450
24.6MHz
IC9353
VRAM (1Mbit)
IC9354
FLASH MEMORY
(8M ROM)
IC9356
3.3V-> 5V
IC9355
EEPROM
Q9500
IC3004
DAC
SW2
DAC2
DAC3
DAC4
SW0
IC3003
AUDIO SW
Q3013
L AMP
Q3014
R AMP
D10
TO Z10
MUTE
SOS

FOR IC3002 SYNC SW

	A (DAC0)	B (DAC1)
AV	H	L
RGB/COMP	L	H
PC	H	H

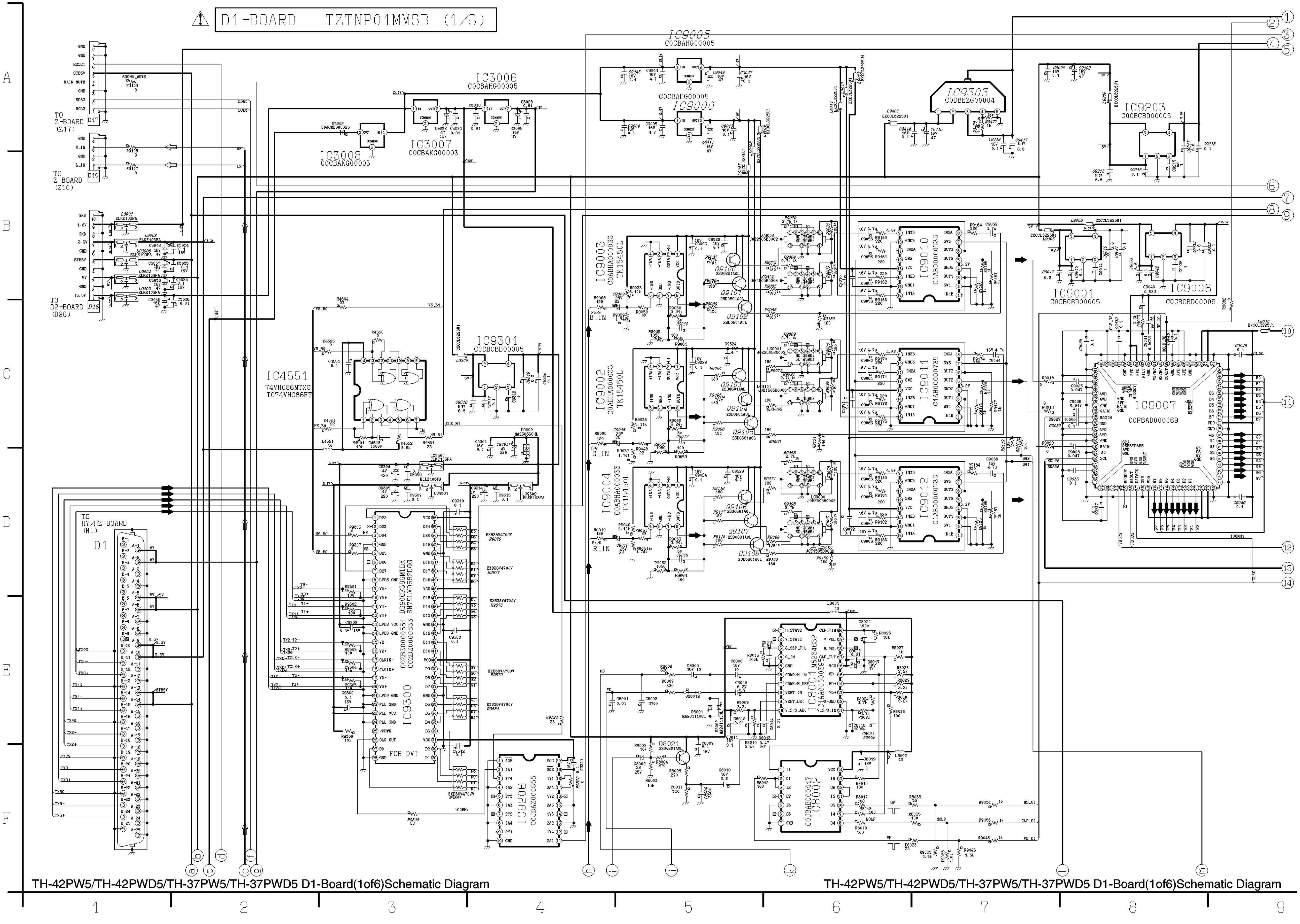
FOR IC3003 AUDIO SW

	A (DAC2)	B (DAC3)
AV	H	L
RGB/COMP	L	H
PC	H	H

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D1-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D1-Board Block Diagram

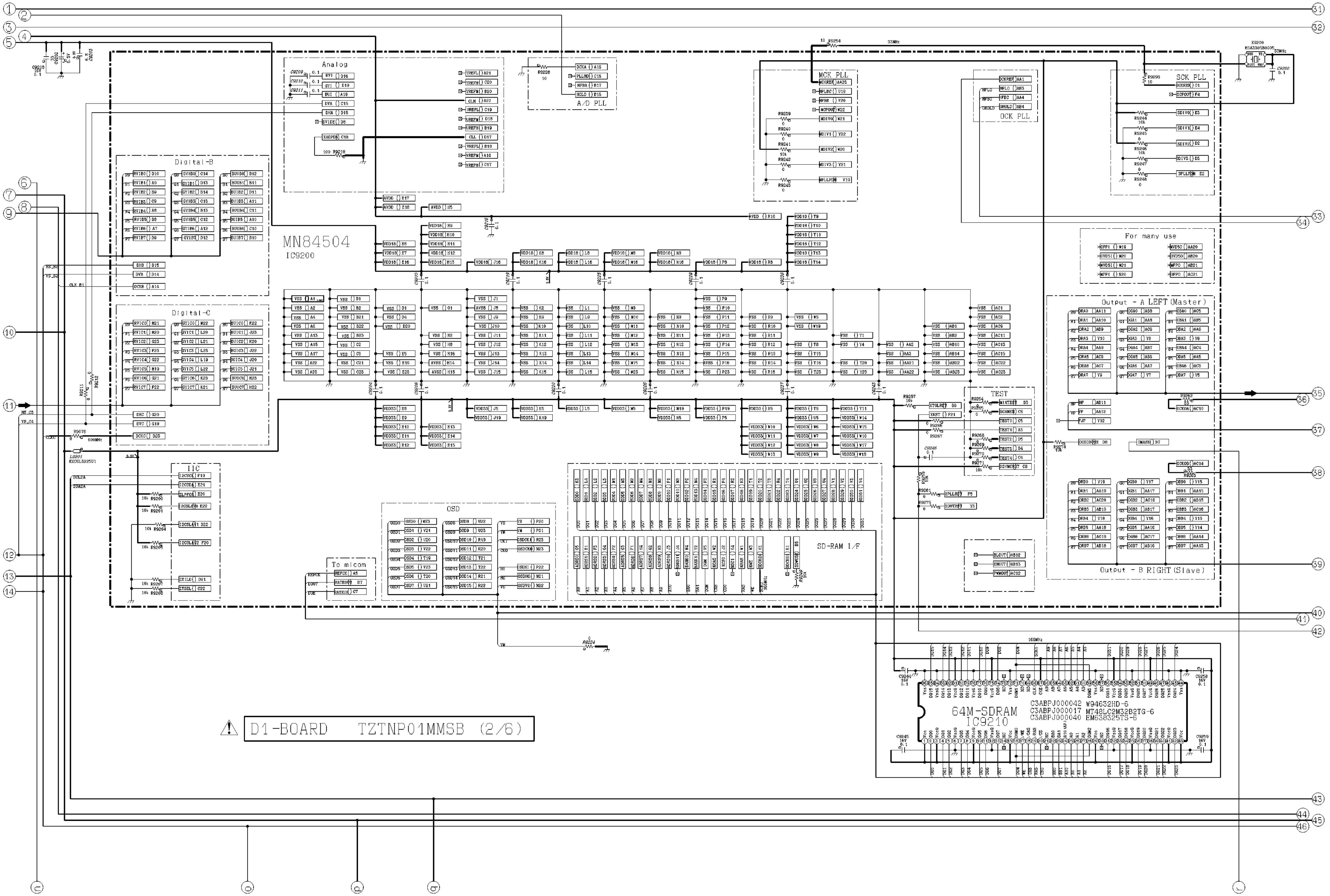
14.17. D1-Board (1 of 6) Schematic Diagram


D1-BOARD TZTNP01MMSB (1/6)
TO Z-BOARD (Z17)
D17
TO Z-BOARD (Z10)
D10
TO D2-BOARD (D26)
D16
TO HY/HZ-BOARD (H1)
D1
IC3006
C0CBAHG00005
IC3007
C0CBAKG00003
IC3008
C0CBAKG00003
IC9005
C0CBAHG00005
IC9000
C0CBAHG00005
IC9303
C0DBEZG00004
IC9203
C0CBCBD00005
IC9301
C0CBCBD00005
IC4551
74VHC86MTXC
TC74VHC86FT
IC9003
C0ABHA000033
TK15450L
IC9002
C0ABHA000033
TK15450L
IC9004
C0ABHA000033
TK15450L
IC9010
C1AB00000735
IC9011
C1AB00000735
IC9012
C1AB00000735
IC9001
C0CBCBD00005
IC9006
C0CBCBD00005
IC9007
C0FBAD000069
IC9300
C0ZBZ0000551
C0ZBZ0000553
DS90CF386MTDX
SN75LVDS82DGG
FOR DVI
IC9206
C0JBAZ000655
IC8001
C1AA00000395
M52346SP
IC8002
C0JBAB000417
Q9100
Q9101
Q9102
Q9103
Q9104
Q9105
Q9106
Q9107
Q9108
Q8021
B_IN
G_IN
R_IN
1
2
3
4
5
6
7
8
9
10
11
12
13
14
A
B
C
D
E
F
a
b
c
d
e
f
g
h
i
j
k
l
m

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D1-Board(1of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D1-Board(1of6)Schematic Diagram

14.18. D1-Board (2 of 6) Schematic Diagram

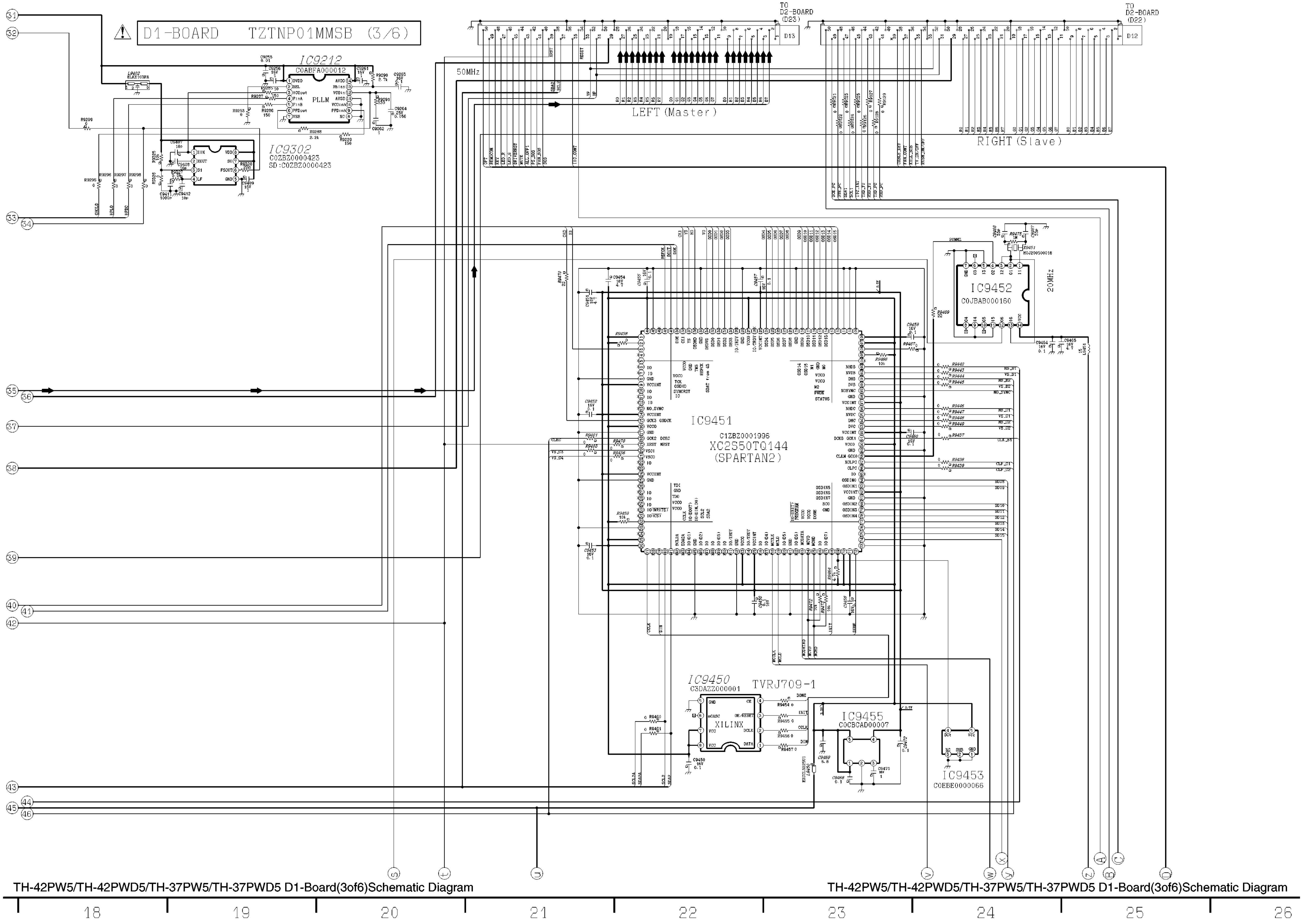

MN84504
IC9200
Analog
Digital-B
Digital-C
IIC
OSD
To micom
A/D PLL
MCK PLL
OCK PLL
SCK PLL
For many use
Output - A LEFT (Master)
Output - B RIGHT (Slave)
TEST
SD-RAM I/F
64M-SDRAM
IC9210
C3ABPJ000042 W9463 2HD-6
C3ABPJ000017 MT48LC2M32B2TG-6
C3ABPJ000040 EM638325TS-6
D1-BOARD TZTNP01MMSB (2/6)
33MHz
166MHz

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D1-Board(2of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D1-Board(2of6)Schematic Diagram

9 10 11 12 13 14 15 16 17

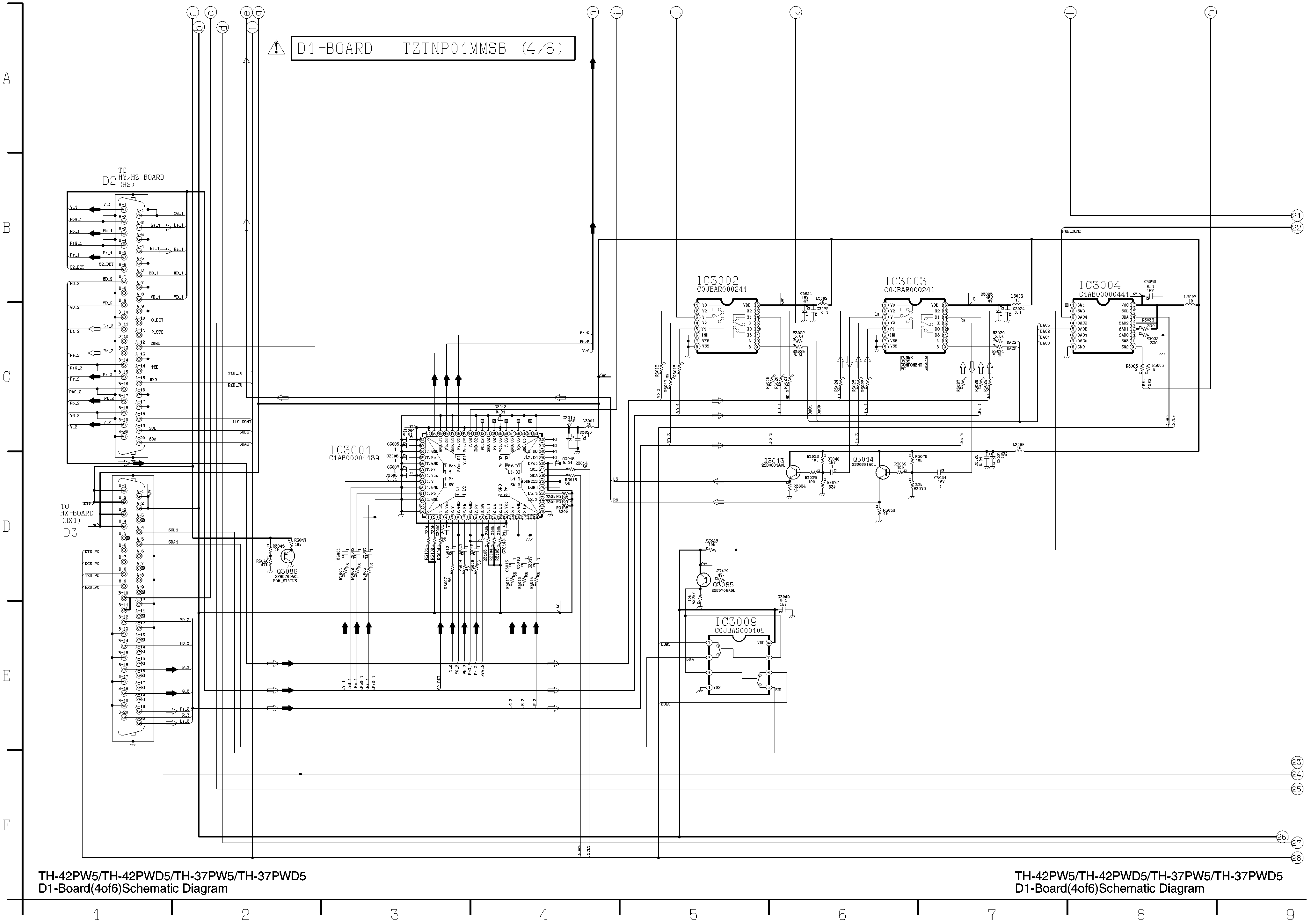
14.19. D1-Board (3 of 6) Schematic Diagram


D1-BOARD TZTNP01MMSB (3/6)
IC9212
C0ABFA000012
PLLM
IC9302
C0ZBZ0000423
SD:C0ZBZ0000423
50MHz
TO D2-BOARD (D23)
TO D2-BOARD (D22)
D13
D12
LEFT (Master)
RIGHT (Slave)
IC9451
C1ZBZ0001996
XC2S50TQ144
(SPARTAN2)
IC9452
C0JBAB000160
20MHz
IC9450
C3DAZZ000001
TVRJ709-1
XILINX
IC9455
C0CBCAD00007
IC9453
C0EBE0000066
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
S
t
U
V
W
X
Y
Z
A
B
C
D
18
19
20
21
22
23
24
25
26

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D1-Board(3of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D1-Board(3of6)Schematic Diagram

14.20. D1-Board (4 of 6) Schematic Diagram

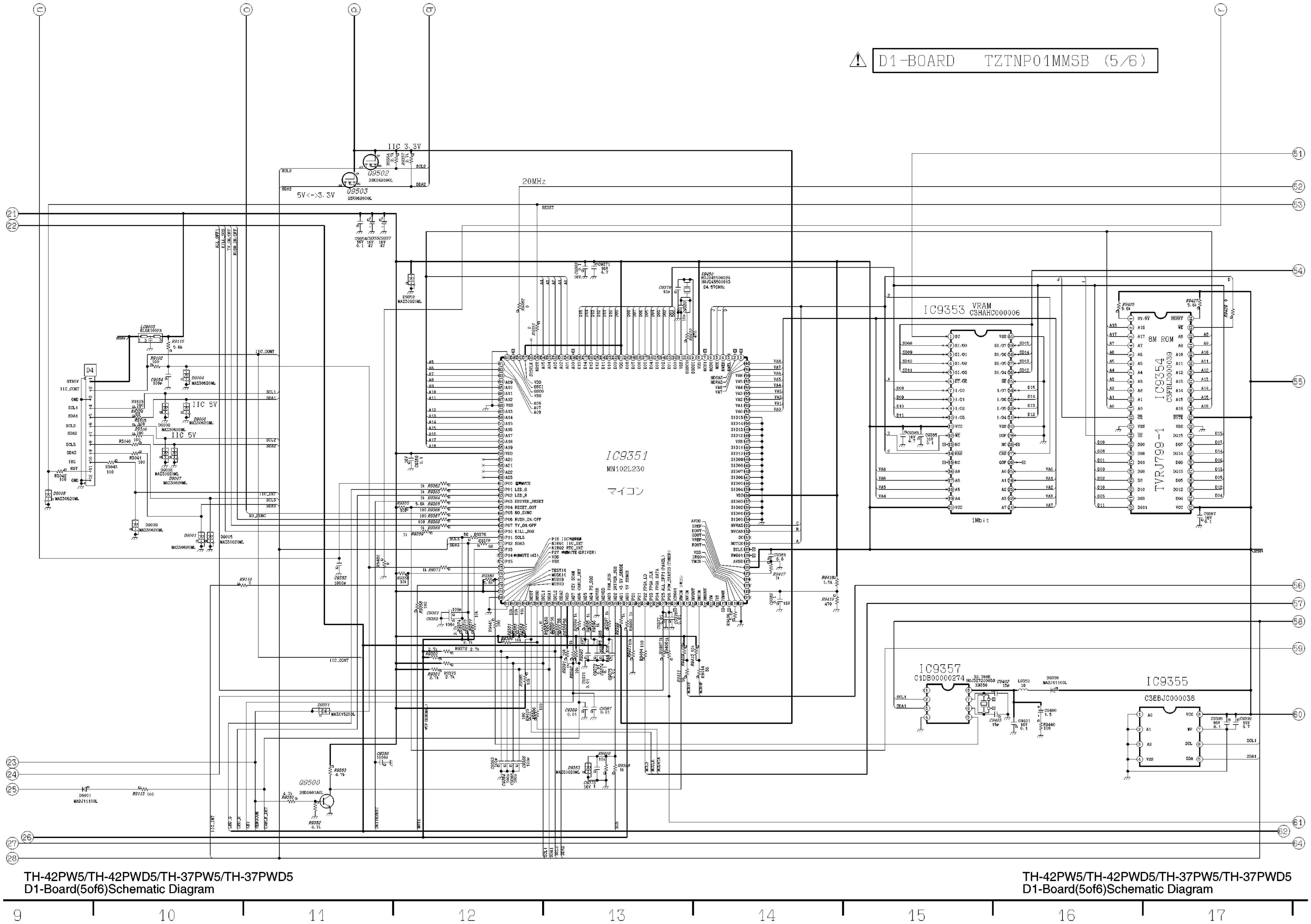


D1-BOARD TZTNP01MMSB (4/6)
TO HY/HZ-BOARD (H2)
D2
TO HX-BOARD (HX1)
D3
IC3001
C1AB00001139
IC3002
C0JBAR000241
IC3003
C0JBAR000241
IC3004
C1AB00000441
IC3009
C0JBAS000109
Q3013
Q3014
Q3085
Q3086
POW_STATUS
FAN_CONT
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D1-Board(4of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D1-Board(4of6)Schematic Diagram

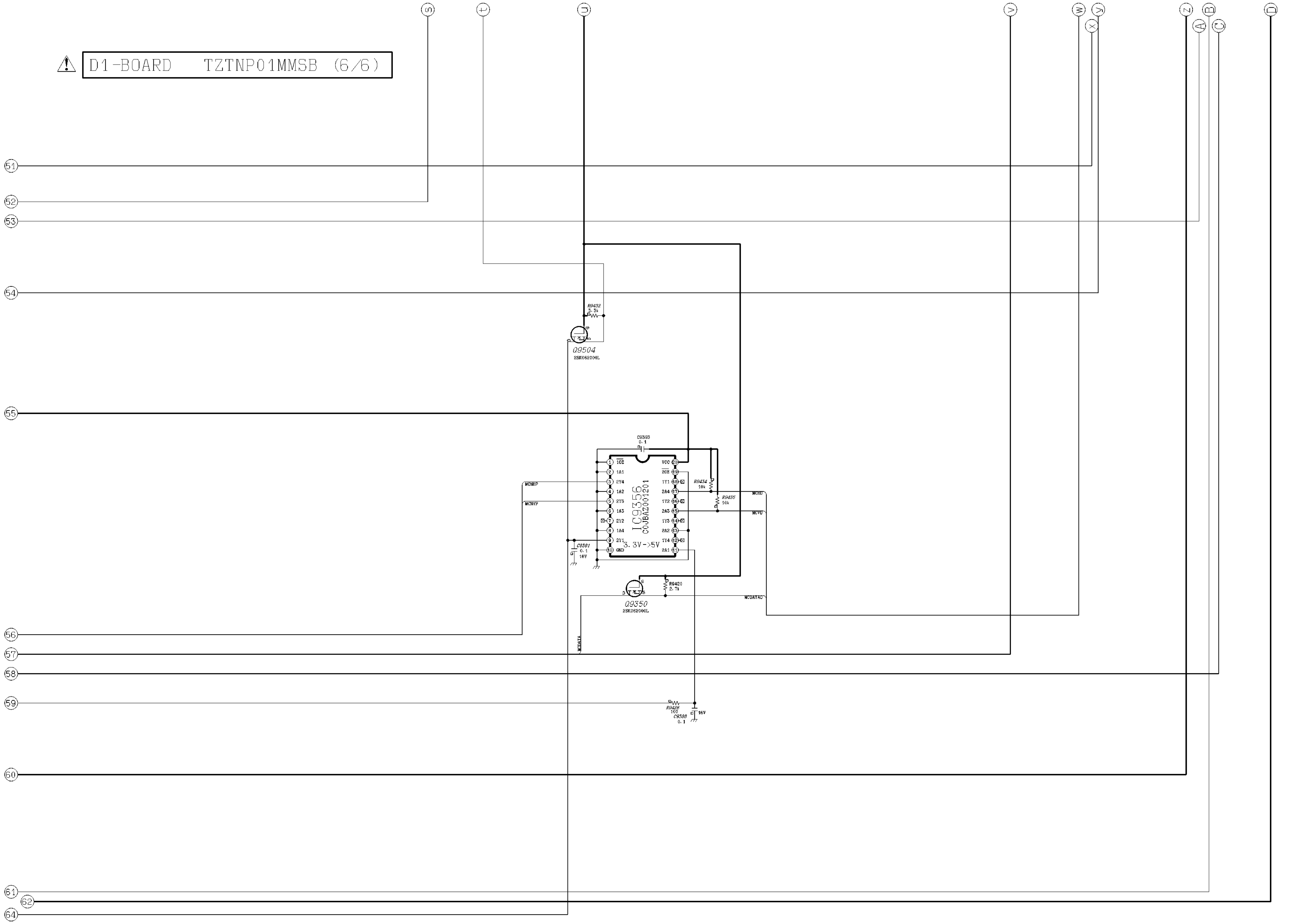
14.21. D1-Board (5 of 6) Schematic Diagram


D1-BOARD TZTNP01MMSB (5/6)
IIC 3.3V
Q9502
Q9503
5V<->3.3V
20MHz
IIC 5V
IC9351
MN102L230
マイコン
IC9353 VRAM
C3HAHC000006
1Mbit
IC9354
C3FBLD000039
TVRJ799-1
8M ROM
IC9357
C1DB00000274
IC9355
C3EBJC000038
Q9500
D4
21
22
23
24
25
26
27
28
51
52
53
54
55
56
57
58
59
60
61
62
64
9
10
11
12
13
14
15
16
17

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D1-Board(5of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D1-Board(5of6)Schematic Diagram

14.22. D1-Board (6 of 6) Schematic Diagram

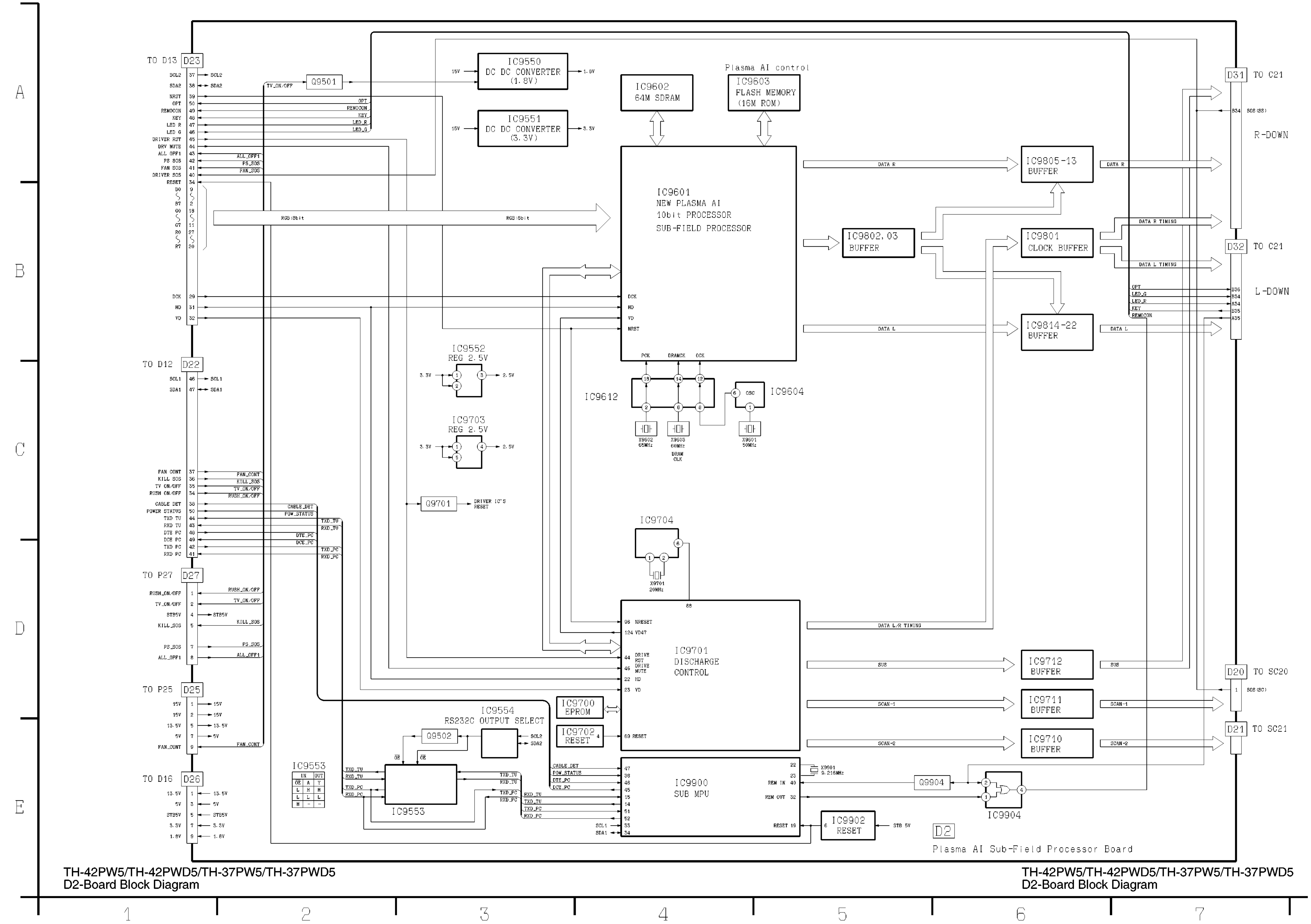

⚠ D1-BOARD TZTNP01MMSB (6/6)
S
T
U
V
W
Y
X
Z
B
A
C
D
(51)
(52)
(53)
(54)
(55)
(56)
(57)
(58)
(59)
(60)
(61)
(62)
(64)
R9432
3.3k
G
S
D
Q9504
2SK062000L
C9393
0.1
IC9356
C0JBAZ001201
3.3V->5V
1 1OE
2 1A1
3 2Y4
4 1A2
5 2Y3
6 1A3
7 2Y2
8 1A4
9 2Y1
10 GND
20 VCC
19 2OE
18 1Y1
17 2A4
16 1Y2
15 2A3
14 1Y3
13 2A2
12 1Y4
11 2A1
MCNHP
MCNVP
R9434
10k
R9435
10k
MCHD
MCVD
C9391
0.1
16V
G
D
S
Q9350
2SK062000L
R9420
2.7k
MCDATAO
MCDATA
R9426
100
C9388
0.1
16V

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D1-Board(6of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D1-Board(6of6)Schematic Diagram

18 19 20 21 22 23 24 25 26

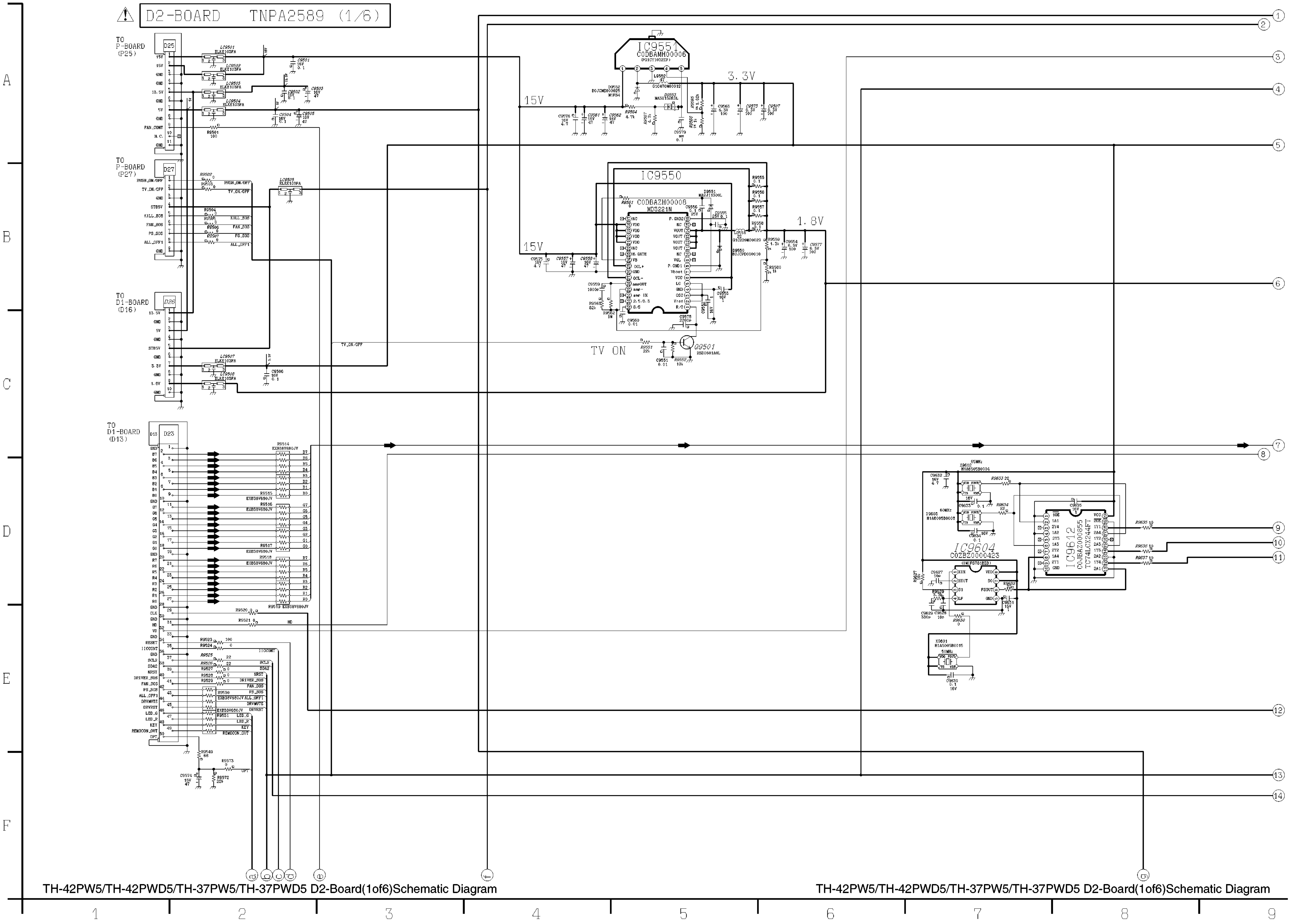
14.23. D2-Board Block Diagram


TO D13
D23
SCL2
SDA2
NRST
OPT
REMOCON
KEY
LED R
LED G
DRIVER RST
DRV MUTE
ALL OFF1
PS SOS
FAN SOS
DRIVER SOS
RESET
DCK
HD
VD
TV_ON/OFF
Q9501
RGB:8bit
IC9550
DC DC CONVERTER
(1.8V)
IC9551
DC DC CONVERTER
(3.3V)
15V
1.8V
3.3V
IC9602
64M SDRAM
Plasma AI control
IC9603
FLASH MEMORY
(16M ROM)
IC9601
NEW PLASMA AI
10bit PROCESSOR
SUB-FIELD PROCESSOR
PCK
DRAMCK
DCK
IC9612
IC9604
OSC
X9602
65MHz
X9603
60MHz
DRAM
CLK
X9601
50MHz
IC9552
REG 2.5V
IC9703
REG 2.5V
2.5V
Q9701
DRIVER IC'S
RESET
IC9802,03
BUFFER
IC9805-13
BUFFER
IC9801
CLOCK BUFFER
IC9814-22
BUFFER
DATA R
DATA L
DATA R TIMING
DATA L TIMING
D31
TO C21
R-DOWN
D32
TO C21
L-DOWN
SOS (SS)
TO D12
D22
SCL1
SDA1
FAN CONT
KILL SOS
TV ON/OFF
RUSH ON/OFF
CABLE DET
POWER STATUS
TXD TU
RXD TU
DTE PC
DCE PC
TXD PC
RXD PC
TO P27
D27
RUSH_ON/OFF
TV_ON/OFF
STB5V
KILL_SOS
PS_SOS
ALL_OFF1
TO P25
D25
15V
13.5V
5V
FAN_CONT
TO D16
D26
3.3V
1.8V
IC9704
X9701
20MHz
IC9701
DISCHARGE
CONTROL
NRESET
VD47
DRIVE RST
DRIVE MUTE
HD
VD
RESET
DATA L/R TIMING
IC9712
BUFFER
SUS
IC9711
BUFFER
SCAN-1
IC9710
BUFFER
SCAN-2
D20
TO SC20
SOS (SC)
D21
TO SC21
IC9700
EPROM
IC9702
RESET
IC9554
RS232C OUTPUT SELECT
Q9502
IC9553
IN
OUT
OE
A
Y
L
H
IC9900
SUB MPU
X9901
9.216MHz
REM IN
REM OUT
Q9904
IC9904
IC9902
RESET
STB 5V
D2
Plasma AI Sub-Field Processor Board
A
B
C
D
E
1
2
3
4
5
6
7

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-Board Block Diagram

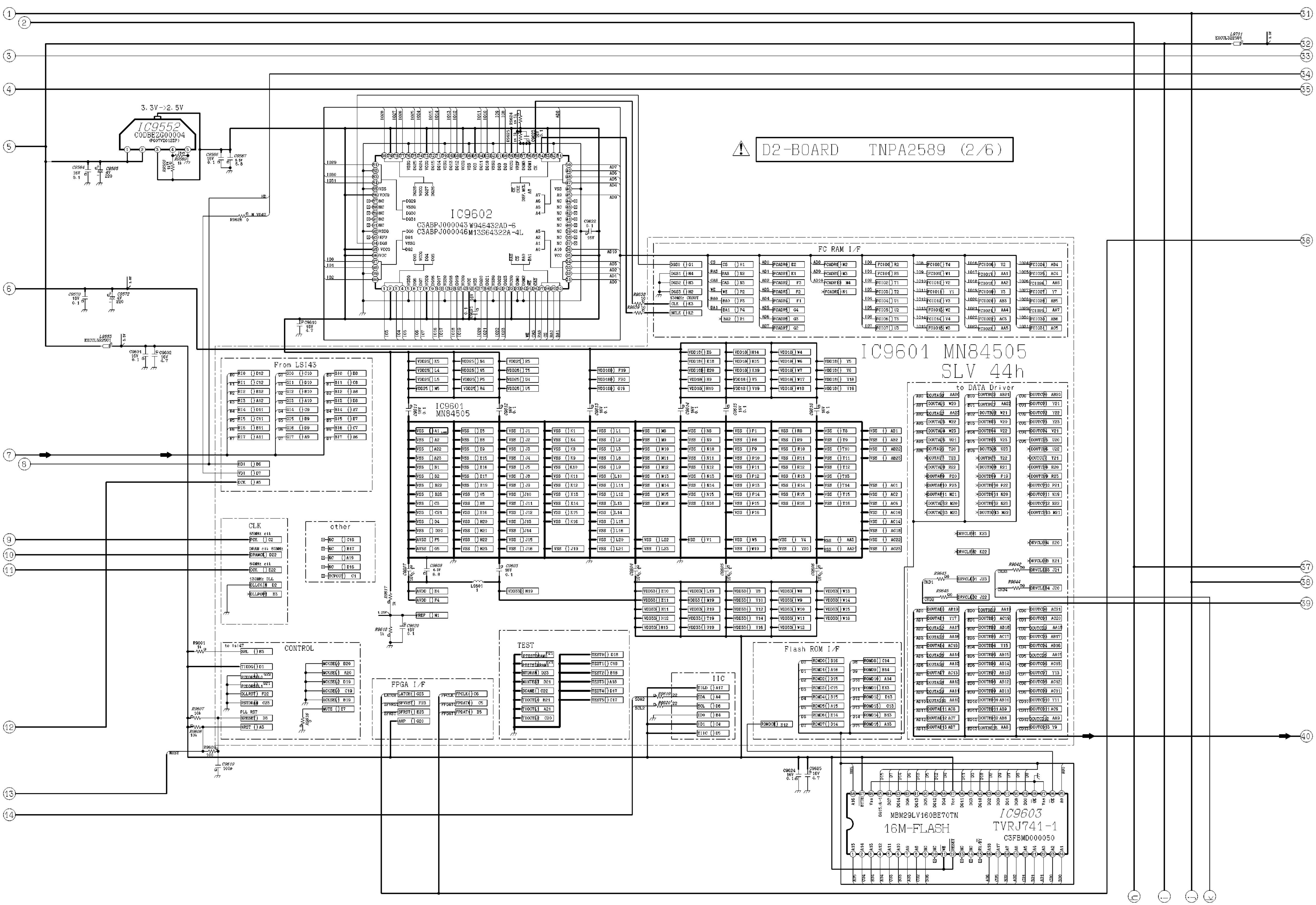
14.24. D2-Board (1 of 6) Schematic Diagram


D2-BOARD TNPA2589 (1/6)
TO P-BOARD (P25)
D25
15V
GND
13.5V
5V
FAN_CONT
N.C.
TO P-BOARD (P27)
D27
PUSH_ON/OFF
TV_ON/OFF
STB5V
KILL_SOS
FAN_SOS
PS_SOS
ALL_OFF1
TO D1-BOARD (D16)
D26
3.3V
1.8V
TO D1-BOARD (D13)
D23
IC9551
C0DBAMH00006
3.3V
15V
IC9550
C0DBAZH00006
MD3221N
1.8V
15V
TV ON
Q9501
2SD0601A0L
IC9604
C0ZBZ0000423
IC9612
C0JBAZ000655
TC74LCX244FT
X9601
X9602
X9603
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
⑬
⑭
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D2-Board(1of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D2-Board(1of6)Schematic Diagram

14.25. D2-Board (2 of 6) Schematic Diagram

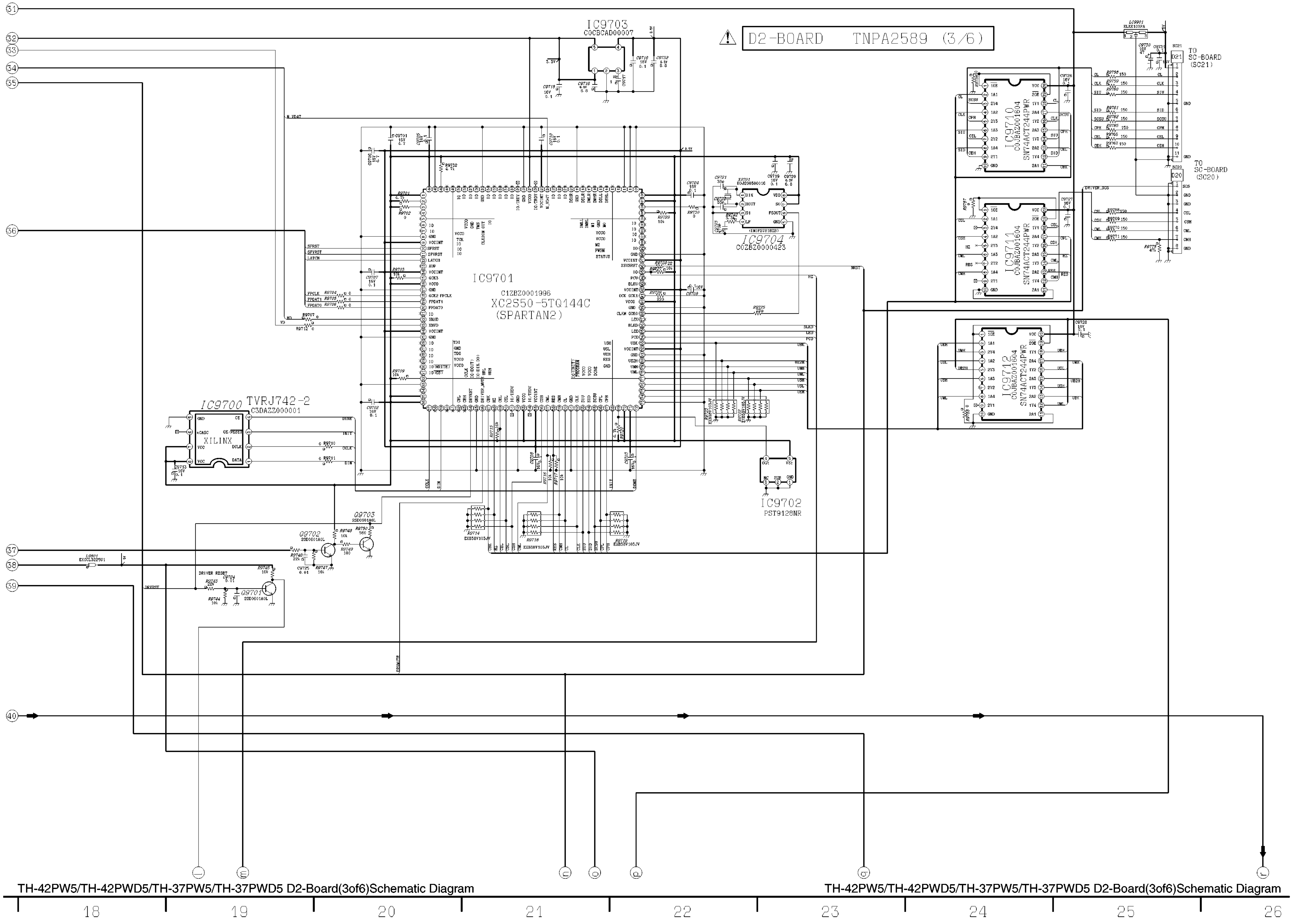

D2-BOARD TNPA2589 (2/6)
3.3V->2.5V
IC9552
C0DBEZG00004
IC9602
C3ABPJ000043 W946432AD-6
C3ABPJ000046 M13S64322A-4L
FC RAM I/F
IC9601 MN84505
SLV 44h
to DATA Driver
From LS143
CLK
other
CONTROL
FPGA I/F
TEST
IIC
Flash ROM I/F
IC9603
MBM29LV160BE70TN
16M-FLASH
TVRJ741-1
C3FBMD000050
1
2
3
4
5
6
7
8
9
10
11
12
13
14
31
32
33
34
35
36
37
38
39
40

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D2-Board(2of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D2-Board(2of6)Schematic Diagram

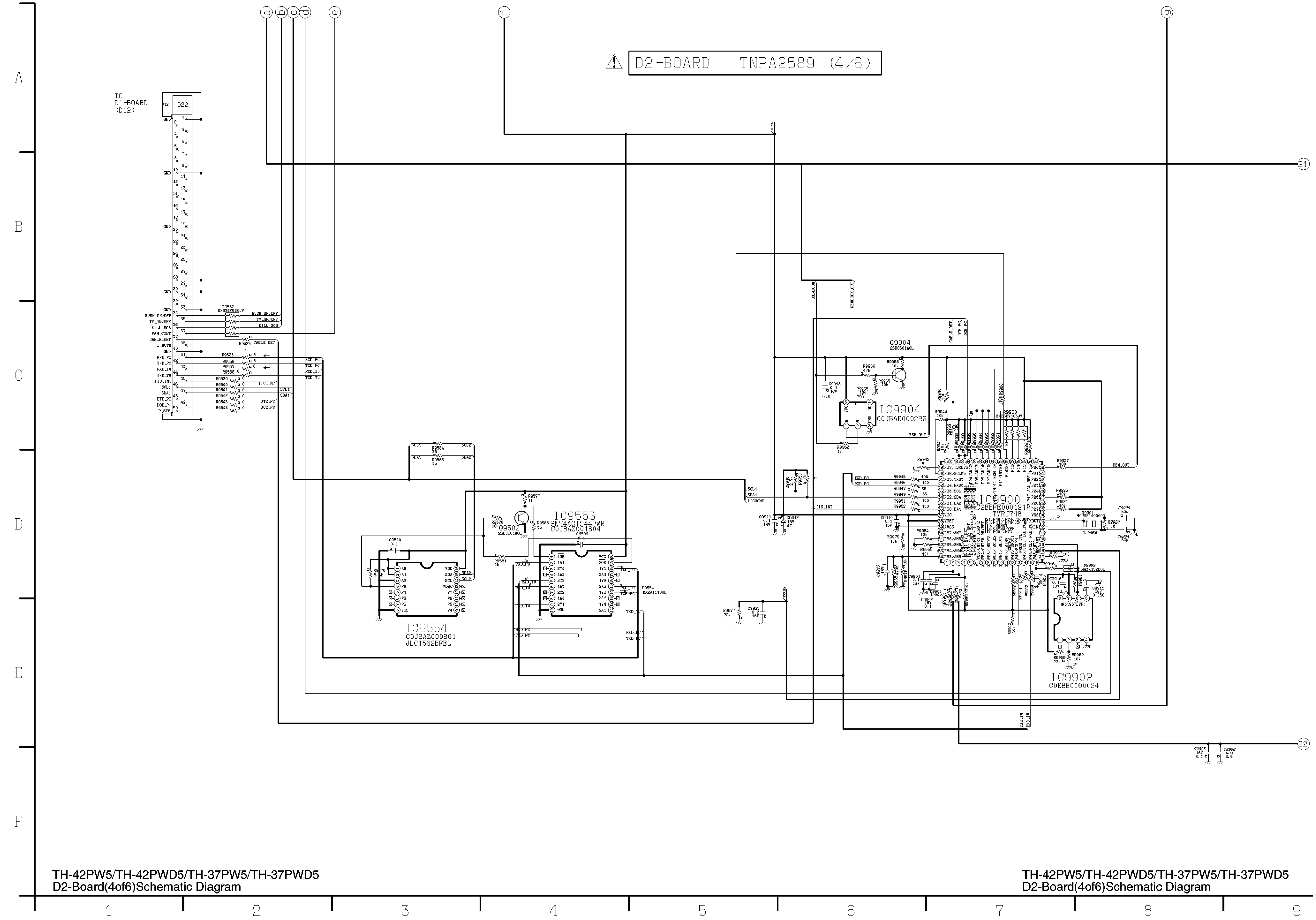
9 10 11 12 13 14 15 16 17

14.26. D2-Board (3 of 6) Schematic Diagram



D2-BOARD TNPA2589 (3/6)
IC9703
C0CBCAD00007
IC9701
C1ZBZ0001996
XC2S50-5TQ144C
(SPARTAN2)
IC9704
C0ZBZ0000423
IC9700 TVRJ742-2
C3DAZZ000001
XILINX
IC9702
PST9128NR
IC9710
C0JBA2001604
SN74ACT244PWR
IC9711
C0JBA2001604
SN74ACT244PWR
IC9712
C0JBA2001604
SN74ACT244PWR
TO SC-BOARD (SC21)
TO SC-BOARD (SC20)
D21
D20
Q9701
Q9702
Q9703
DRIVER RESET
DRIVER_SOS
31
32
33
34
35
36
37
38
39
40
l
m
n
o
p
q
r
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D2-Board(3of6)Schematic Diagram
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 D2-Board(3of6)Schematic Diagram
18
19
20
21
22
23
24
25
26

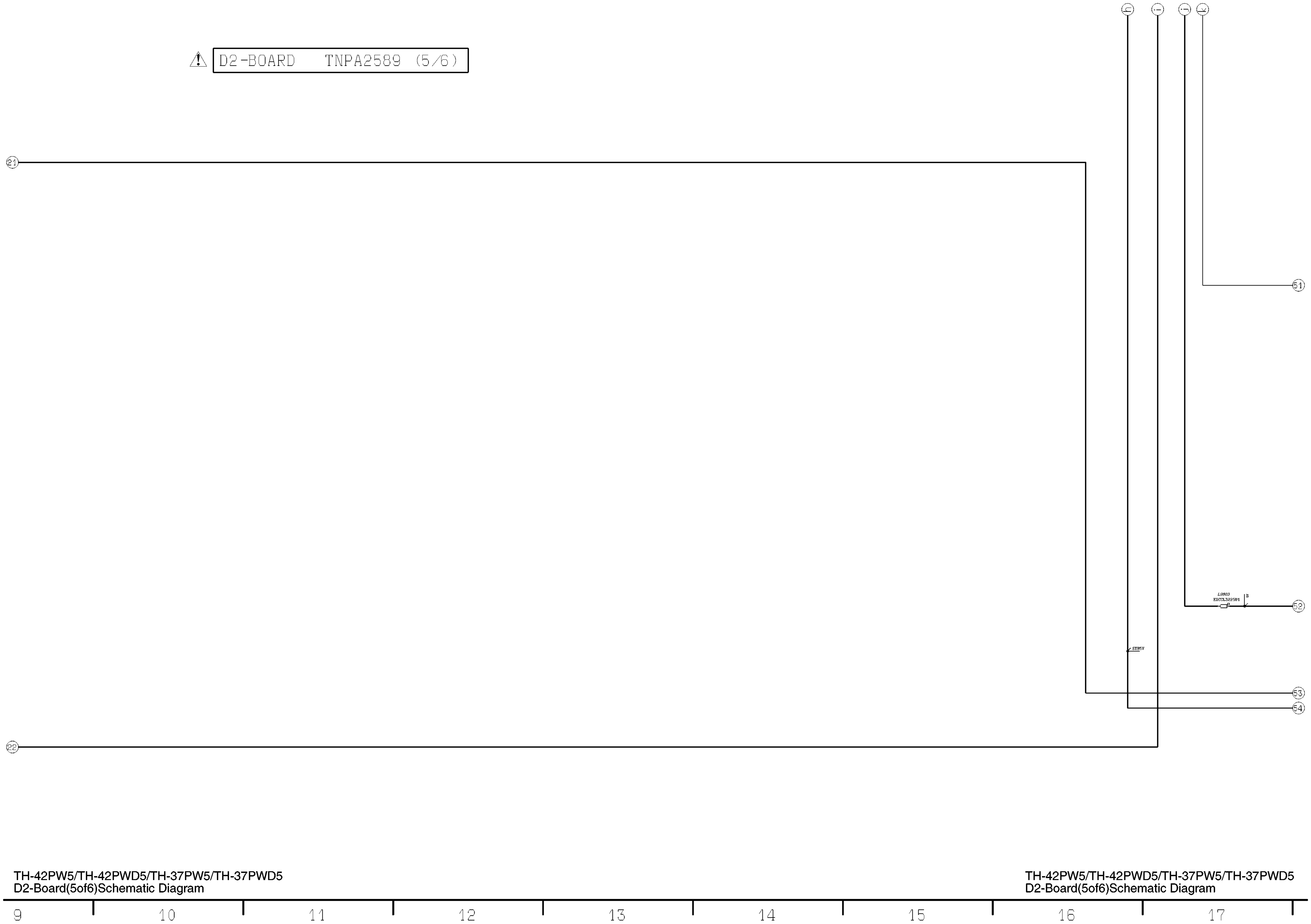
14.27. D2-Board (4 of 6) Schematic Diagram


D2-BOARD TNPA2589 (4/6)
TO D1-BOARD (D12)
D12
D22
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
21
22
IC9904
C0JBAE000283
Q9904
2SD0601A0L
IC9900
C2BBFE000121
TVRJ748
IC9902
C0EBB0000024
IC9553
SN74ACT244PWR
C0JBAZ001604
Q9502
2SD0601A0L
IC9554
C0JBAZ000801
JLC1562BFEL
PUSH_ON/OFF
TV_ON/OFF
KILL_SOS
FAN_CONT
CABLE_DET
S_MUTE
RXD_PC
TXD_PC
RXD_TV
TXD_TV
IIC_INT
SCL1
SDA1
DTE_PC
DOE_PC
P_STB
REM_OUT
GND

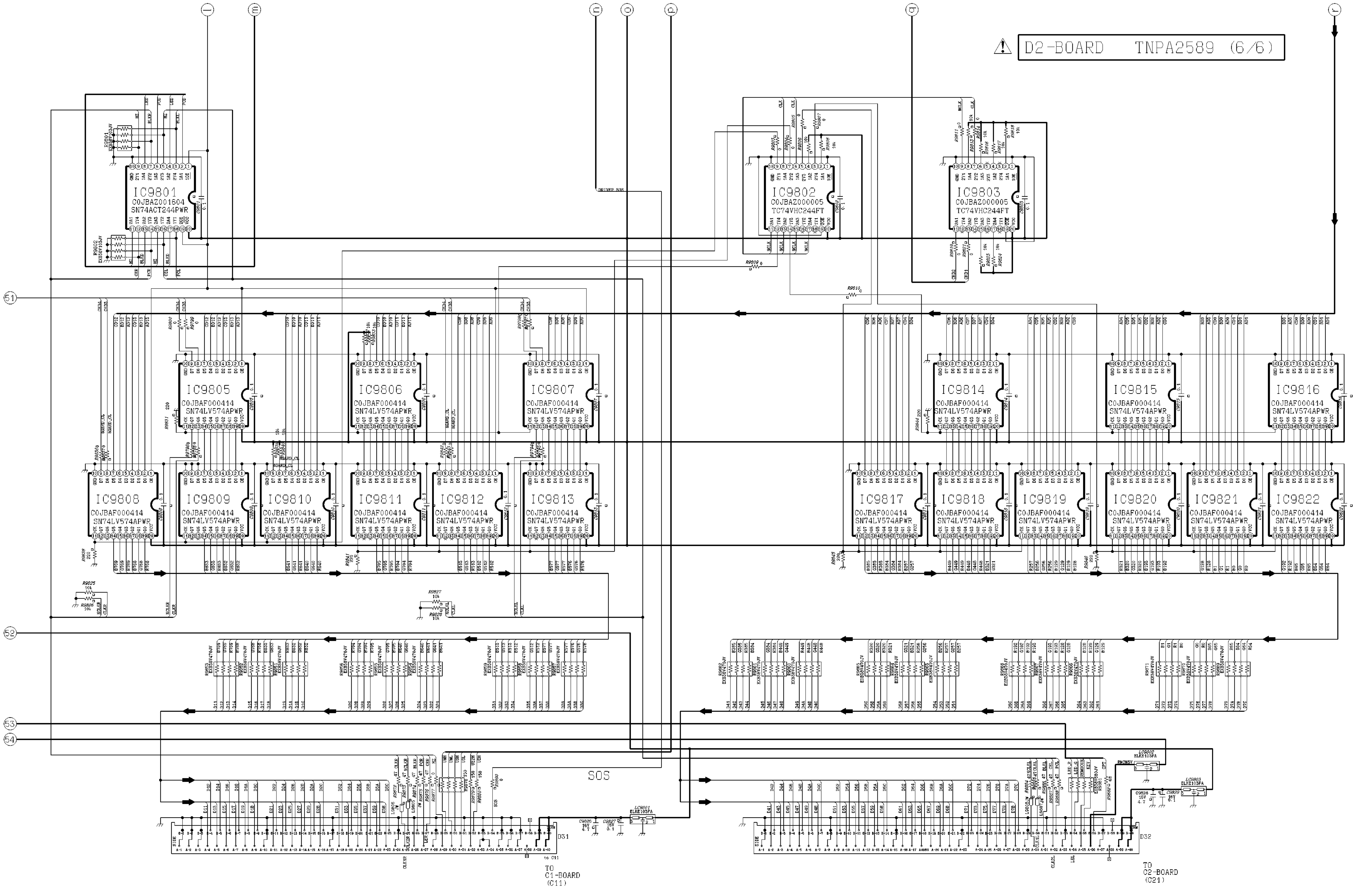
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-Board(4of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-Board(4of6)Schematic Diagram

14.28. D2-Board (5 of 6) Schematic Diagram


D2-BOARD TNPA2589 (5/6)
h
i
j
k
㉑
㉒
51
52
53
54
L9803
EXCCL3225U1
5V
STB5V
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-Board(5of6)Schematic Diagram
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-Board(5of6)Schematic Diagram
9
10
11
12
13
14
15
16
17

14.29. D2-Board (6 of 6) Schematic Diagram

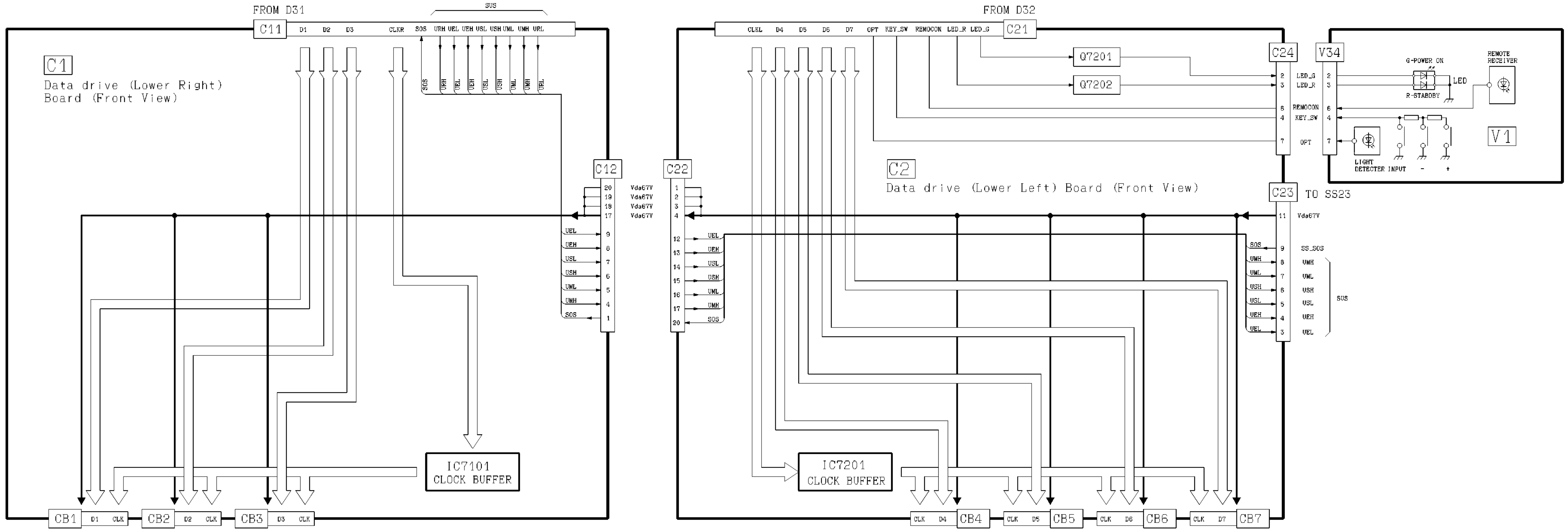

D2-BOARD TNPA2589 (6/6)
l
m
n
o
p
q
r
51
52
53
54
IC9801
C0JBAZ001604
SN74ACT244PWR
IC9802
C0JBAZ000005
TC74VHC244FT
IC9803
C0JBAZ000005
TC74VHC244FT
IC9805
IC9806
IC9807
IC9808
IC9809
IC9810
IC9811
IC9812
IC9813
IC9814
IC9815
IC9816
IC9817
IC9818
IC9819
IC9820
IC9821
IC9822
C0JBAF000414
SN74LV574APWR
DRIVER SOS
SOS
D31
TO
C1-BOARD
(C11)
D32
TO
C2-BOARD
(C21)

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-Board(6of6)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
D2-Board(6of6)Schematic Diagram

18 19 20 21 22 23 24 25 26

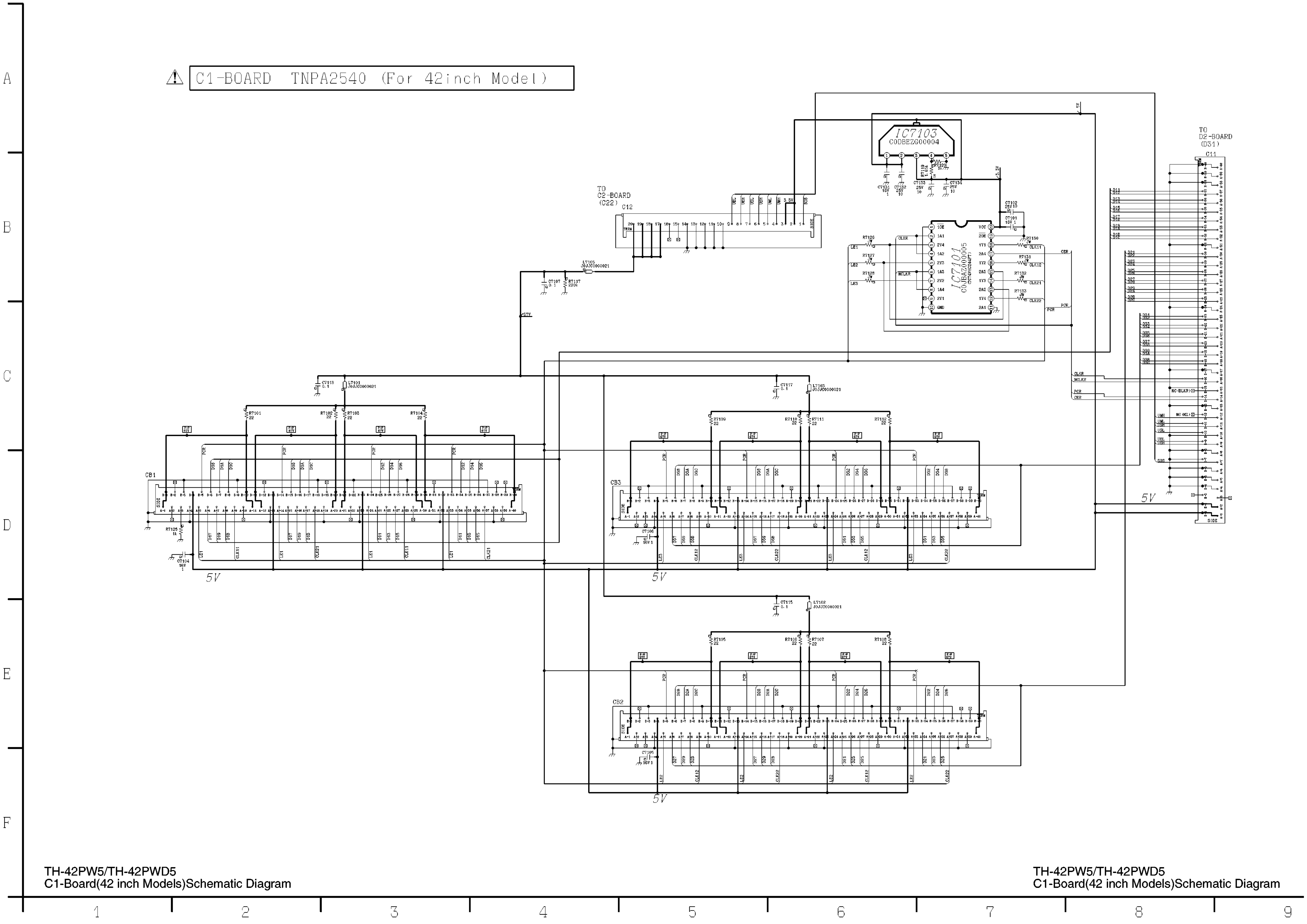
14.30. C1 and C2-Board Block Diagram


A
B
C
D
E
1
2
3
4
5
6
7
FROM D31
SUS
C11
D1 D2 D3 CLKR SOS URH UEL UEH USL USH UML UMH URL
SOS URH UEL UEH USL USH UML UMH URL
C1
Data drive (Lower Right) Board (Front View)
C12
20 Vda67V
19 Vda67V
18 Vda67V
17 Vda67V
UEL 9
UEH 8
USL 7
USH 6
UML 5
UMH 4
SOS 1
IC7101
CLOCK BUFFER
CB1 D1 CLK
CB2 D2 CLK
CB3 D3 CLK
C22
1
2
3
4
12 UEL
13 UEH
14 USL
15 USH
16 UML
17 UMH
20 SOS
FROM D32
CLKL D4 D5 D6 D7 OPT KEY_SW REMOCON LED_R LED_G
C21
Q7201
Q7202
C2
Data drive (Lower Left) Board (Front View)
IC7201
CLOCK BUFFER
CLK D4 CB4
CLK D5 CB5
CLK D6 CB6
CLK D7 CB7
C24
2 LED_G 2
3 LED_R 3
6 REMOCON 6
4 KEY_SW 4
7 OPT 7
V34
G-POWER ON
LED
R-STABDBY
REMOTE RECEIVER
LIGHT DETECTER INPUT
-
+
V1
C23
TO SS23
11 Vda67V
SOS 9 SS_SOS
UMH 8 UMH
UML 7 UML
USH 6 USH
USL 5 USL
UEH 4 UEH
UEL 3 UEL
SUS

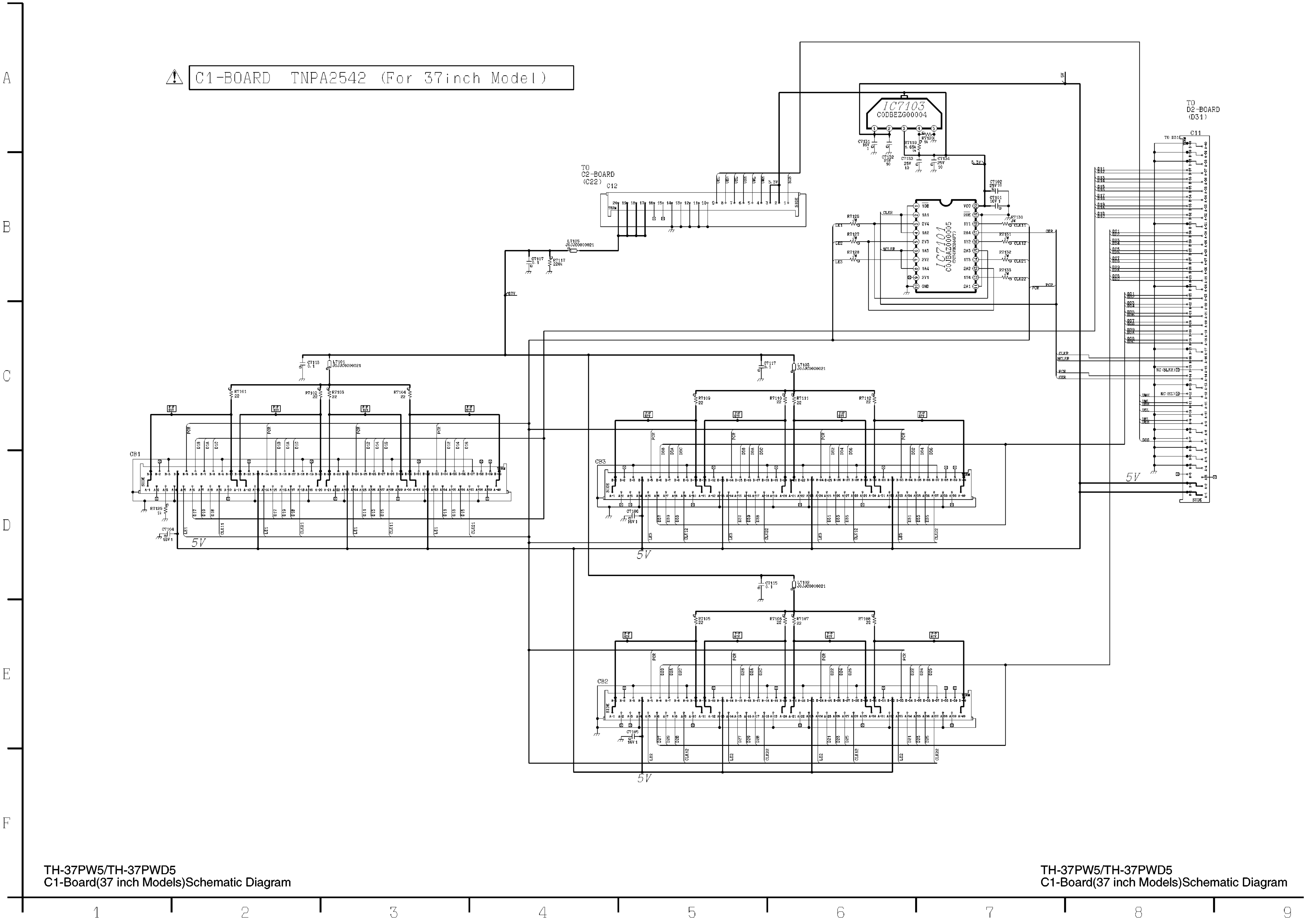
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
C1 and C2-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
C1 and C2-Board Block Diagram

14.31. C1-Board (42 inch Models) Schematic Diagram


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
C1-BOARD TNPA2540 (For 42inch Model)
IC7103
C0DBEZG00004
IC7104
TO
C2-BOARD
(C22)
C12
TO
D2-BOARD
(D31)
C11
CB1
CB3
CB2
5V
TH-42PW5/TH-42PWD5
C1-Board(42 inch Models)Schematic Diagram

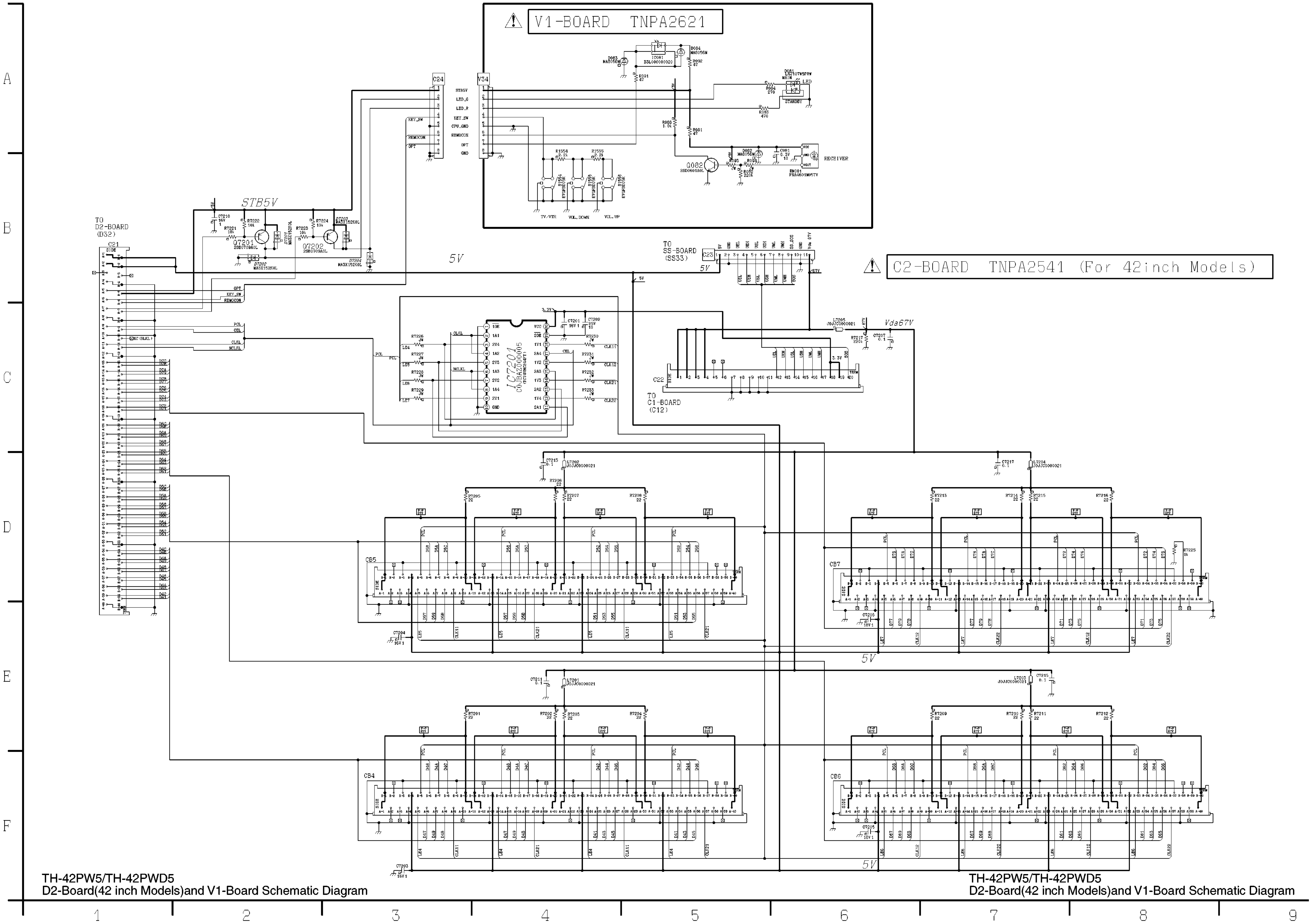
14.32. C1-Board (37 inch Models) Schematic Diagram


⚠ C1-BOARD TNPA2542 (For 37inch Model)
IC7103
C0DBEZG00004
IC7104
C0JBAZ000005
TO C2-BOARD (C22)
C12
TO D2-BOARD (D31)
C11
CB1
CB2
CB3
L7101 J0JJC0000021
L7102 J0JJC0000021
L7103 J0JJC0000021
L7105 J0JJC0000021
C7113 0.1
C7117 0.1
C7115 0.1
C7107
R7117 220k
R7101 22
R7102 22
R7103 22
R7104 22
R7105 22
R7106 22
R7107 22
R7108 22
R7109 22
R7110 22
R7111 22
R7112 22
R7125 1k
C7104 16V 1
C7105 16V 1
C7106 16V 1
R7126
R7127
R7128
R7130
R7131
R7132
R7133
C7131
C7132
C7133 25V 10
C7134 25V 10
R7119 1.65k
R7120
C7101 16V 1
C7102 25V 10
3.3V
5V
SIDE
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37PW5/TH-37PWD5
C1-Board(37 inch Models)Schematic Diagram

TH-37PW5/TH-37PWD5
C1-Board(37 inch Models)Schematic Diagram

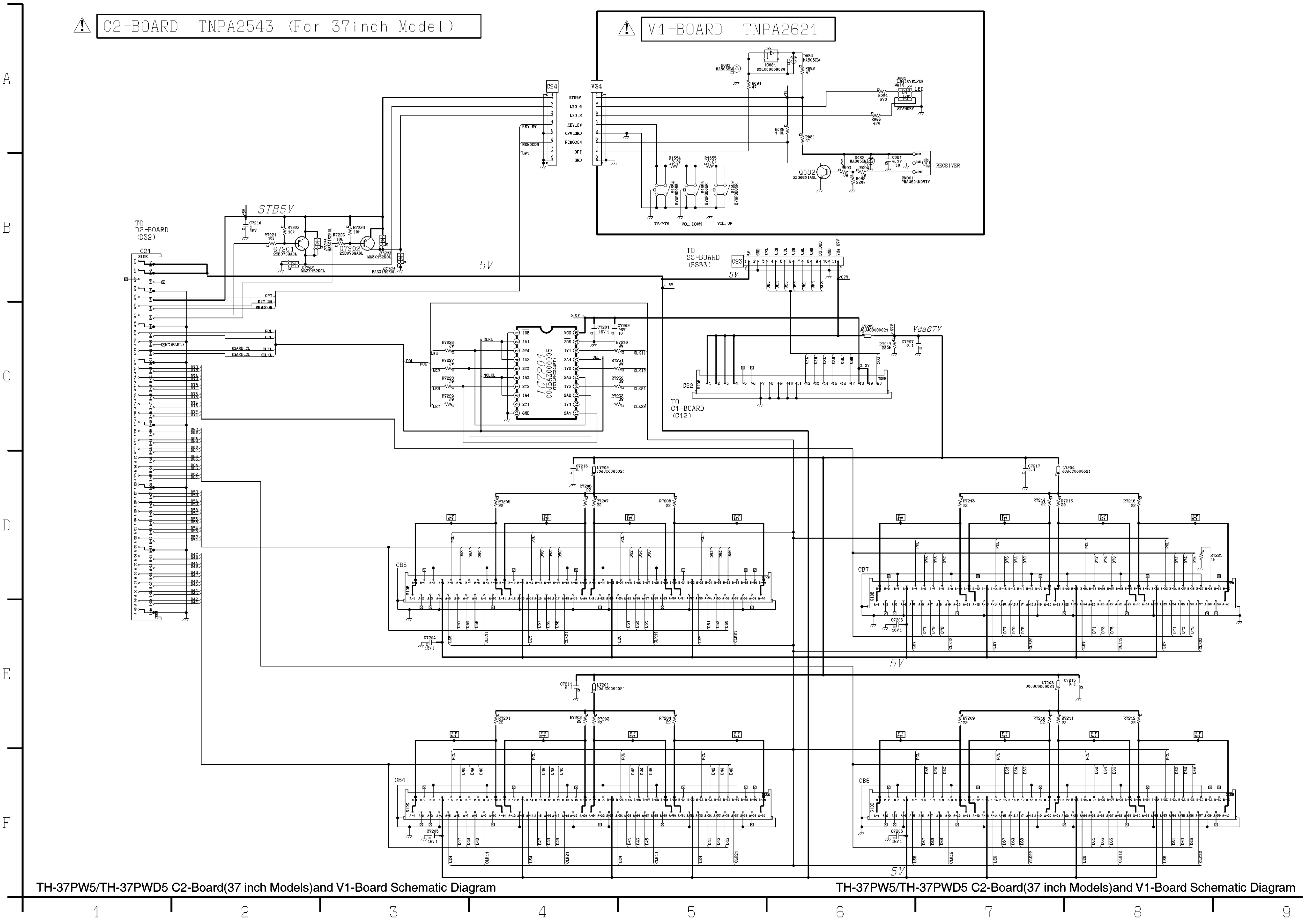
14.33. C2-Board (42 inch Models) Schematic Diagram


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
V1-BOARD TNPA2621
C24
V34
STBGV
LED_G
LED_R
KEY_SW
CPU_GND
REMOCON
OPT
GND
RECEIVER
STANDBY
LED
Q082
TV/VIR
VOL.DOWN
VOL.UP
STB5V
TO
D2-BOARD
(D32)
C21
Q7201
Q7202
5V
TO
SS-BOARD
(SS33)
C23
C2-BOARD TNPA2541 (For 42inch Models)
Vda67V
IC7201
C0JBAZ000005
C22
TO
C1-BOARD
(C12)
CB5
CB7
CB4
CB6

TH-42PW5/TH-42PWD5
D2-Board(42 inch Models)and V1-Board Schematic Diagram

TH-42PW5/TH-42PWD5
D2-Board(42 inch Models)and V1-Board Schematic Diagram

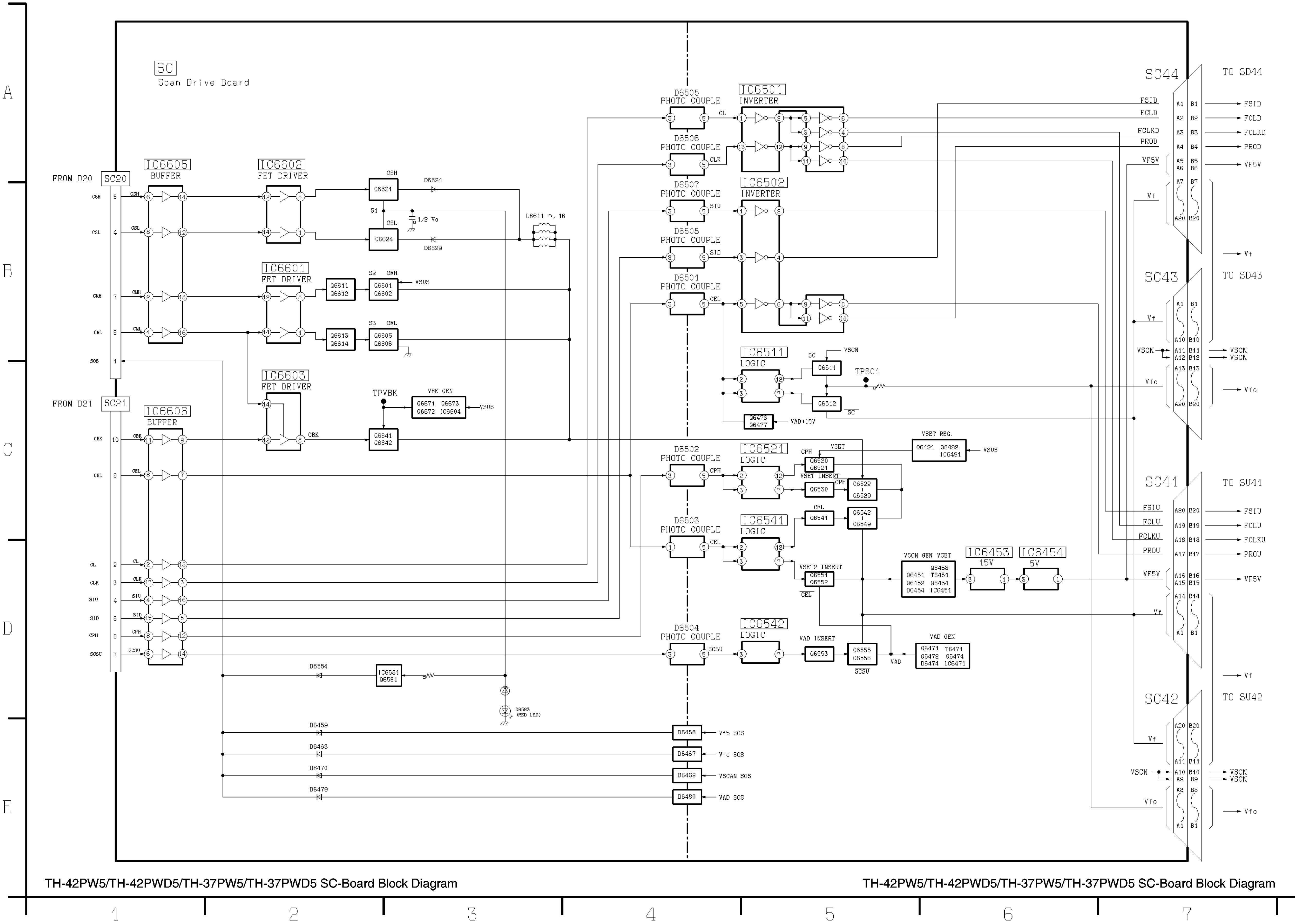
14.34. C2-Board (37 inch Models) Schematic Diagram


C2-BOARD TNPA2543 (For 37inch Model)
V1-BOARD TNPA2621
V34
STB5V
LED_G
LED_R
KEY_SW
CPU_GND
REMOCON
OPT
GND
C24
D083 MA8056M
IC081 B3L000000020
D084 MA8056M
R092 47
R091 47
D081 LNJ107W5PRW
MAIN
LED
STANDBY
R084 270
R083 470
R088 1.0k
R081 47
R1554 2.2k
R1555 2.2k
S1554 EVQPBD05R
S1555 EVQPBD05R
S1556 EVQPBD05R
TV/VTR
VOL.DOWN
VOL.UP
Q082 2SD0601A0L
R093 JW
R094 JW
R082 220k
D082 MA8056M
C081 6.3V 10
RM001 PNA4601M05TV
RECEIVER
STB5V
C7210 1 16V
R7221 10k
R7222 10k
Q7201 2SB0709A0L
D7201 MA3X152K0L
R7223 10k
R7224 10k
Q7202 2SB0709A0L
D7202 MA3X152K0L
D7203 MA3X152K0L
D7204 MA3X152K0L
5V
TO D2-BOARD (D32)
C21
SIDE
NC (BLKL)
&GARD_CL
TO SS-BOARD (SS33)
C23
5V GND UEL UEH USL USH UML UMH SS_SOS GND Vda 67V
67V
IC7201 C0JBAZ000005 (TC74VHC244FT)
3.3V
C7201 16V 1
C7202 25V 10
R7226 JW
R7227 JW
R7228 JW
R7229 JW
R7230 JW
R7231 JW
R7232 JW
R7233 JW
CLKL
NCLKL
PCL
CEL
LE4
LE5
LE6
LE7
CLK11
CLK12
CLK21
CLK22
L7205 J0JJC0000021
R7217 220k
C7207 0.1
Vda67V
C22
TERM
TO C1-BOARD (C12)
C7213 0.1
L7202 J0JJC0000021
R7206 22
R7205 22
R7207 22
R7208 22
C7217 0.1
L7204 J0JJC0000021
R7213 22
R7214 22
R7215 22
R7216 22
R7225
CB5
CB7
C7204 16V 1
C7206 16V 1
C7211 0.1
L7201 J0JJC0000021
R7201 22
R7202 22
R7203 22
R7204 22
L7203 J0JJC0000021
C7215 0.1
R7209 22
R7210 22
R7211 22
R7212 22
CB4
CB6
C7203 16V 1
C7205 16V 1
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37PW5/TH-37PWD5 C2-Board(37 inch Models)and V1-Board Schematic Diagram

TH-37PW5/TH-37PWD5 C2-Board(37 inch Models)and V1-Board Schematic Diagram

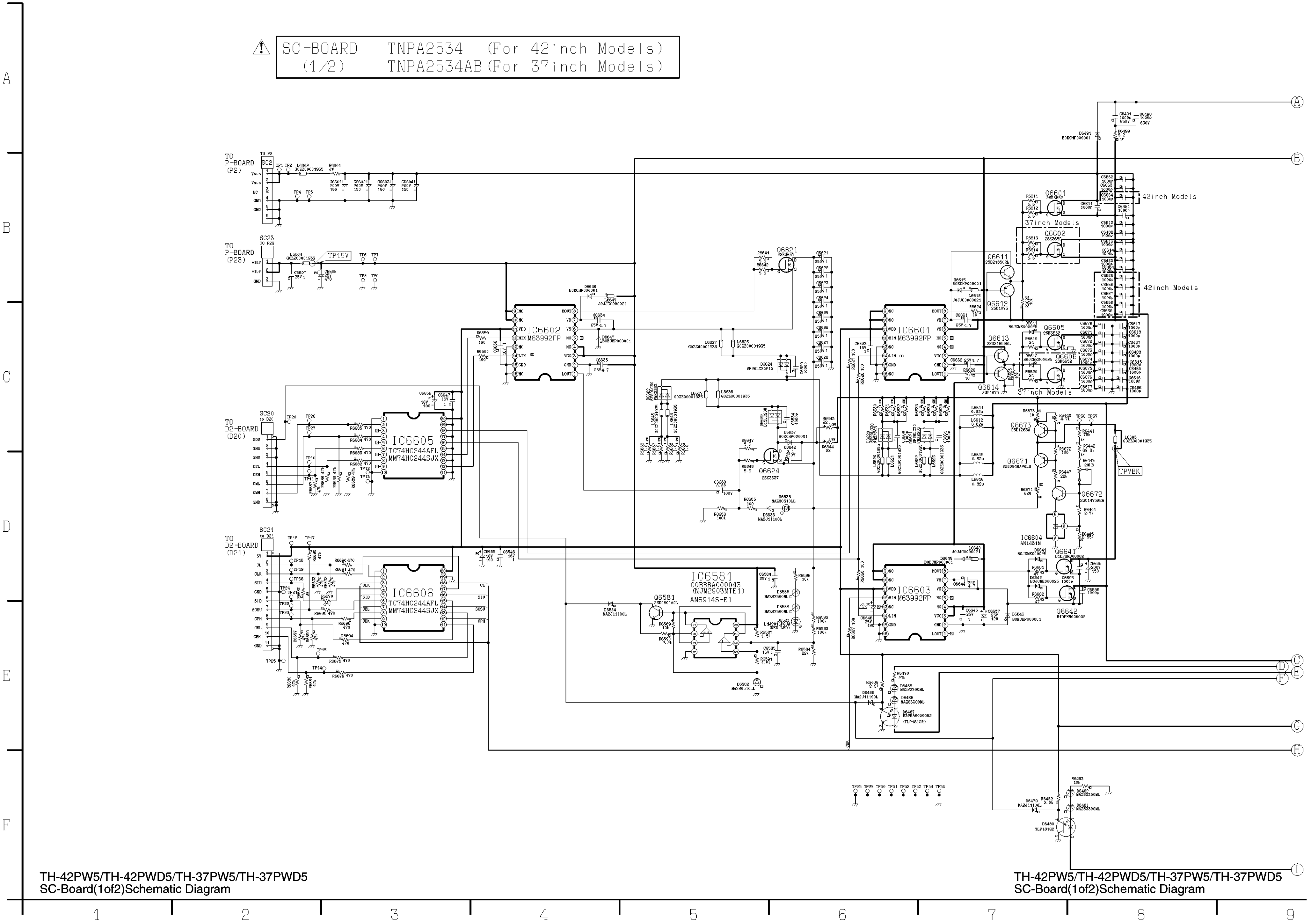
14.35. SC-Board Block Diagram


SC
Scan Drive Board
FROM D20
SC20
FROM D21
SC21
IC6605
BUFFER
IC6606
BUFFER
IC6602
FET DRIVER
IC6601
FET DRIVER
IC6603
FET DRIVER
CSH
CSL
CMH
CML
SOS
CBK
CEL
CL
CLK
SIU
SID
CPH
SCSU
Q6621
Q6624
D6624
D6629
S1
1/2 Vo
L6611 16
Q6611 Q6612
Q6601 Q6602
S2 CMH
VSUS
Q6613 Q6614
Q6605 Q6606
S3 CML
TPVBK
VBK GEN
Q6671 Q6673 Q6672 IC6604
Q6641 Q6642
D6584
IC6581 Q6581
D6583 (RED LED)
D6459
D6468
D6470
D6479
D6458
D6467
D6469
D6480
Vf5 SOS
Vfo SOS
VSCAN SOS
VAD SOS
D6505 PHOTO COUPLE
D6506 PHOTO COUPLE
D6507 PHOTO COUPLE
D6508 PHOTO COUPLE
D6501 PHOTO COUPLE
D6502 PHOTO COUPLE
D6503 PHOTO COUPLE
D6504 PHOTO COUPLE
IC6501
INVERTER
IC6502
INVERTER
IC6511
LOGIC
IC6521
LOGIC
IC6541
LOGIC
IC6542
LOGIC
SC
VSCN
Q6511
Q6512
TPSC1
Q6476 Q6477
VAD+15V
VSET
VSET REG.
Q6491 Q6492 IC6491
Q6520 Q6521
VSET INSERT
Q6530
Q6522 Q6529
Q6541
Q6542 Q6549
VSET2 INSERT
Q6551 Q6552
VSCN GEN VSET
Q6451 T6451 Q6452 Q6454 Q6454 IC6451 Q6453
IC6453
15V
IC6454
5V
VAD INSERT
Q6553
Q6555 Q6556
VAD
VAD GEN
Q6471 T6471 Q6472 Q6474 D6474 IC6471
SC44
TO SD44
FSID
FCLD
FCLKD
PROD
VF5V
Vf
SC43
TO SD43
VSCN
Vfo
SC41
TO SU41
FSIU
FCLU
FCLKU
PROU
SC42
TO SU42
A
B
C
D
E
1
2
3
4
5
6
7

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 SC-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5 SC-Board Block Diagram

14.36. SC-Board (1 of 2) Schematic Diagram

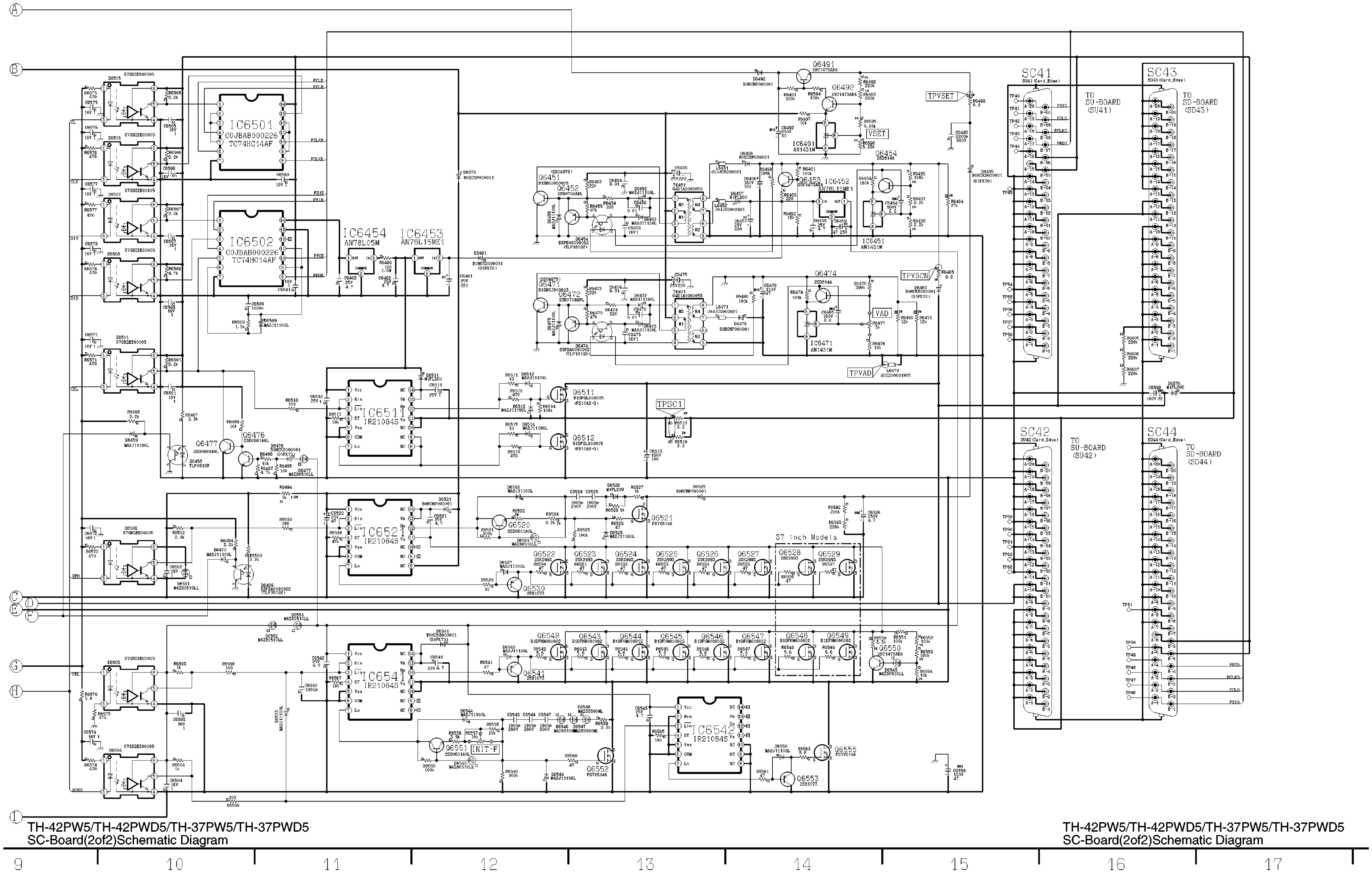

SC-BOARD TNPA2534 (For 42inch Models)
(1/2) TNPA2534AB (For 37inch Models)
TO P-BOARD (P2)
SC2
TO P-BOARD (P23)
SC23
TP15V
TO D2-BOARD (D20)
SC20
TO D2-BOARD (D21)
SC21
IC6602 M63992FP
IC6601 M63992FP
IC6603 M63992FP
IC6605 TC74HC244AFL MM74HC244SJX
IC6606 TC74HC244AFL MM74HC244SJX
IC6581 C0BBBA000043 (NJM2903MTE1) AN6914S-E1
Q6621
Q6624
Q6581
Q6601
Q6602
Q6611
Q6612
Q6613
Q6614
Q6605
Q6606
Q6673
Q6671
Q6672
IC6604 AN1431M
Q6641
Q6642
42inch Models
37inch Models
TPVBK
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6
7
8
9

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SC-Board(1of2)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SC-Board(1of2)Schematic Diagram

14.37. SC-Board (2 of 2) Schematic Diagram

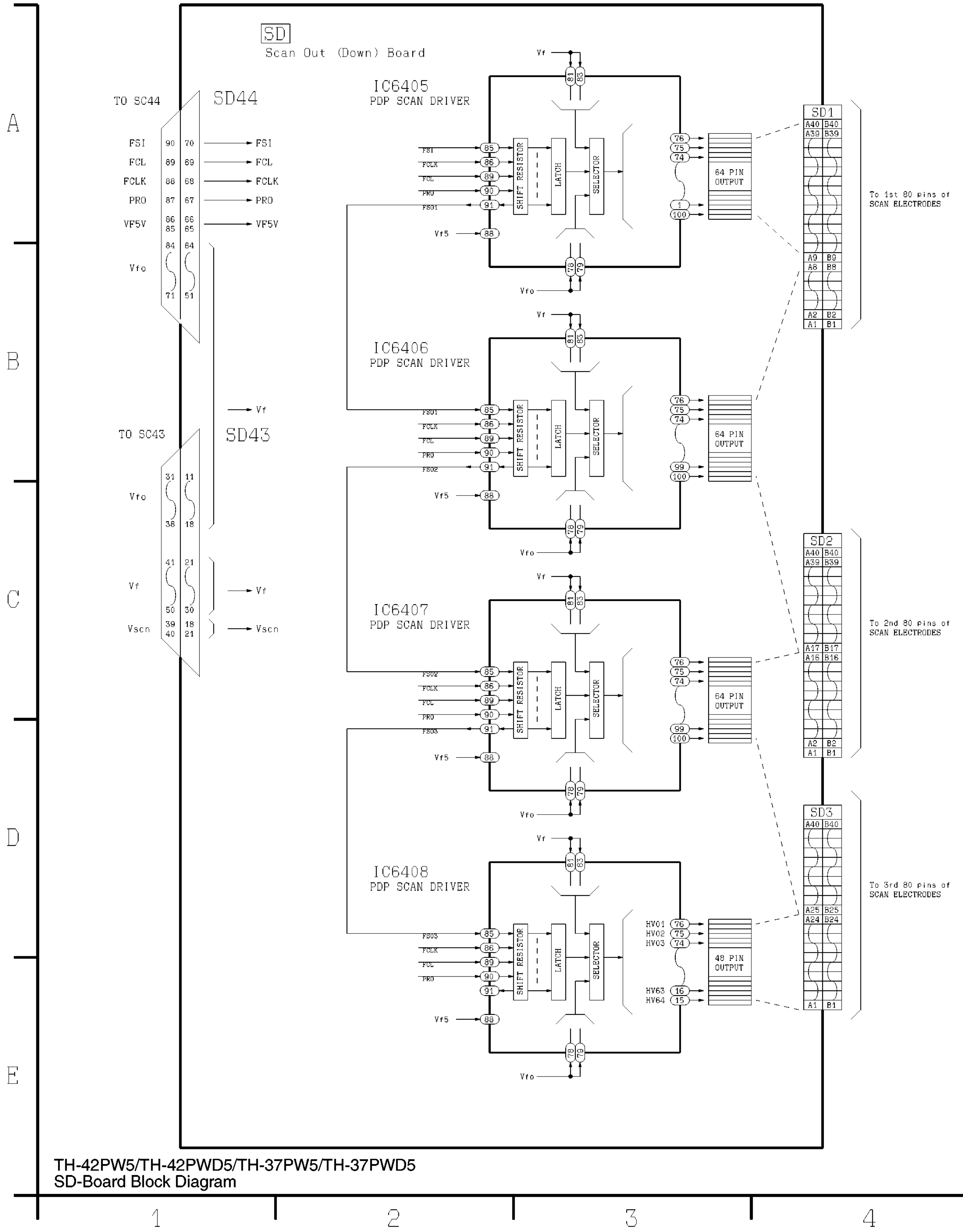
⚠ SC-BOARD TNPA2534 (For 42inch Models)
(2/2) TNPA2534AB (For 37inch Models)


A
B
C
D
E
F
G
H
I
IC6501
C0JBAB000226
TC74HC14AF
IC6502
C0JBAB000226
TC74HC14AF
IC6454
AN78L05M
IC6453
AN78L15ME1
IC6491
AN1431M
IC6452
AN78L15ME1
IC6451
AN1431M
IC6471
AN1431M
IC6511
IR2108 4S
IC6521
IR2108 4S
IC6541
IR2108 4S
IC6542
IR2108 4S
Q6491
Q6492
Q6451
Q6452
Q6453
Q6454
Q6471
Q6472
Q6474
Q6476
Q6477
Q6511
Q6512
Q6520
Q6521
Q6522
Q6523
Q6524
Q6525
Q6526
Q6527
Q6528
Q6529
Q6530
Q6541
Q6542
Q6543
Q6544
Q6545
Q6546
Q6547
Q6548
Q6549
Q6550
Q6551
Q6552
Q6553
Q6555
TPVSET
VSET
TPVSCN
VAD
TPVAD
TPSC1
INIT-F
37 inch Models
SC41
TO SU-BOARD (SU41)
SC43
TO SD-BOARD (SD43)
SC42
TO SU-BOARD (SU42)
SC44
TO SD-BOARD (SD44)
9
10
11
12
13
14
15
16
17

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SC-Board(2of2)Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SC-Board(2of2)Schematic Diagram

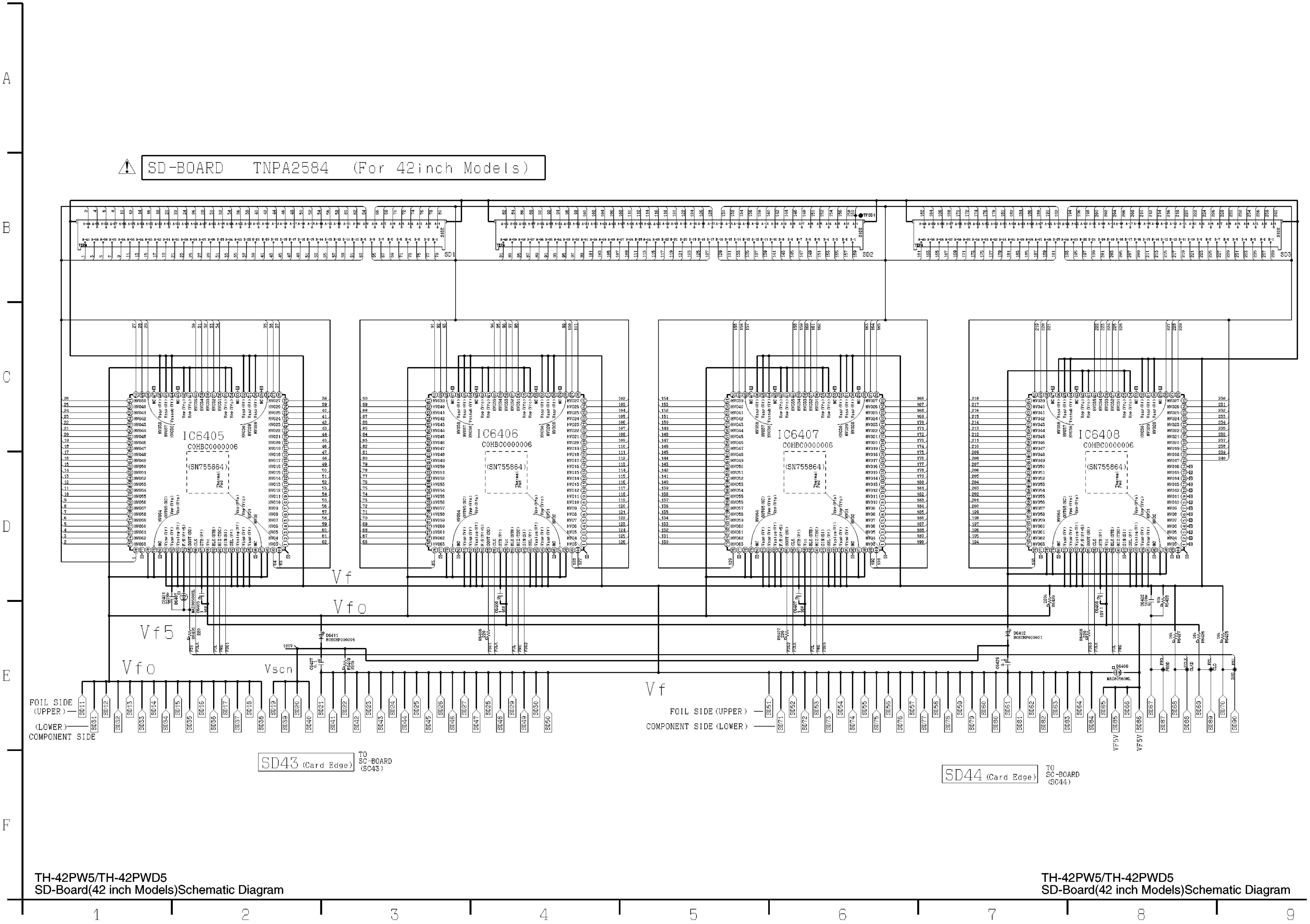
14.38. SD-Board Block Diagram


SD
Scan Out (Down) Board
TO SC44
SD44
FSI
FCL
FCLK
PRO
VF5V
Vfo
TO SC43
SD43
Vf
Vscn
IC6405
PDP SCAN DRIVER
IC6406
PDP SCAN DRIVER
IC6407
PDP SCAN DRIVER
IC6408
PDP SCAN DRIVER
SHIFT RESISTOR
LATCH
SELECTOR
64 PIN OUTPUT
48 PIN OUTPUT
Vf5
FSO1
FSO2
FSO3
HV01
HV02
HV03
HV63
HV64
SD1
SD2
SD3
To 1st 80 pins of SCAN ELECTRODES
To 2nd 80 pins of SCAN ELECTRODES
To 3rd 80 pins of SCAN ELECTRODES
A
B
C
D
E
1
2
3
4
5
6
7

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SD-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SD-Board Block Diagram

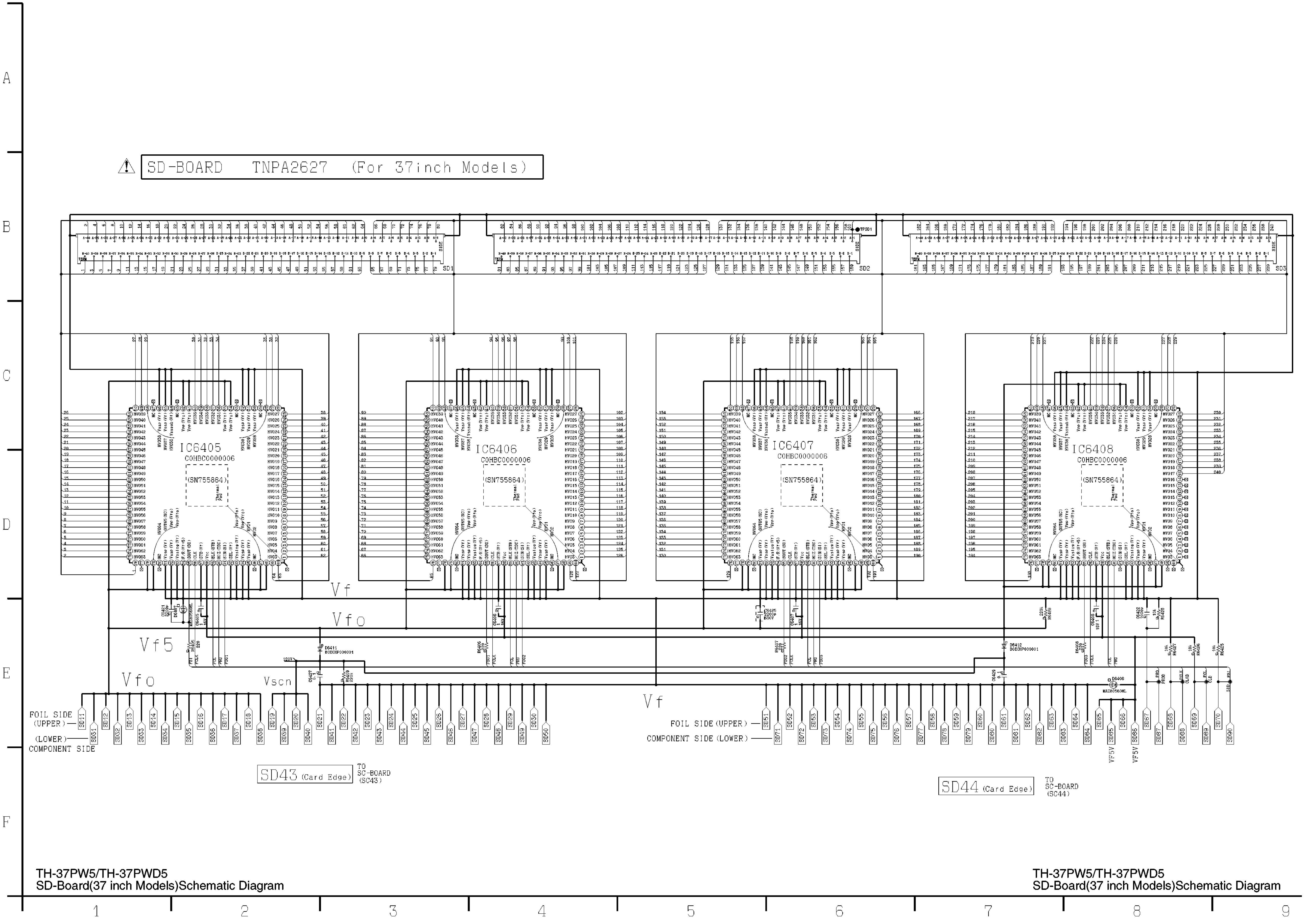
14.39. SD-Board (42 inch Models) Schematic Diagram


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
⚠ SD-BOARD TNPA2584 (For 42inch Models)
SD1
SD2
SD3
IC6405
C0HBC0000006
(SN755864)
IC6406
C0HBC0000006
(SN755864)
IC6407
C0HBC0000006
(SN755864)
IC6408
C0HBC0000006
(SN755864)
Vf
Vfo
Vf5
Vfo
Vscn
Vf
FOIL SIDE (UPPER)
(LOWER)
COMPONENT SIDE
FOIL SIDE (UPPER)
COMPONENT SIDE (LOWER)
SD43 (Card Edge)
TO SC-BOARD (SC43)
SD44 (Card Edge)
TO SC-BOARD (SC44)
VF5V
VF5V

TH-42PW5/TH-42PWD5
SD-Board(42 inch Models)Schematic Diagram

TH-42PW5/TH-42PWD5
SD-Board(42 inch Models)Schematic Diagram

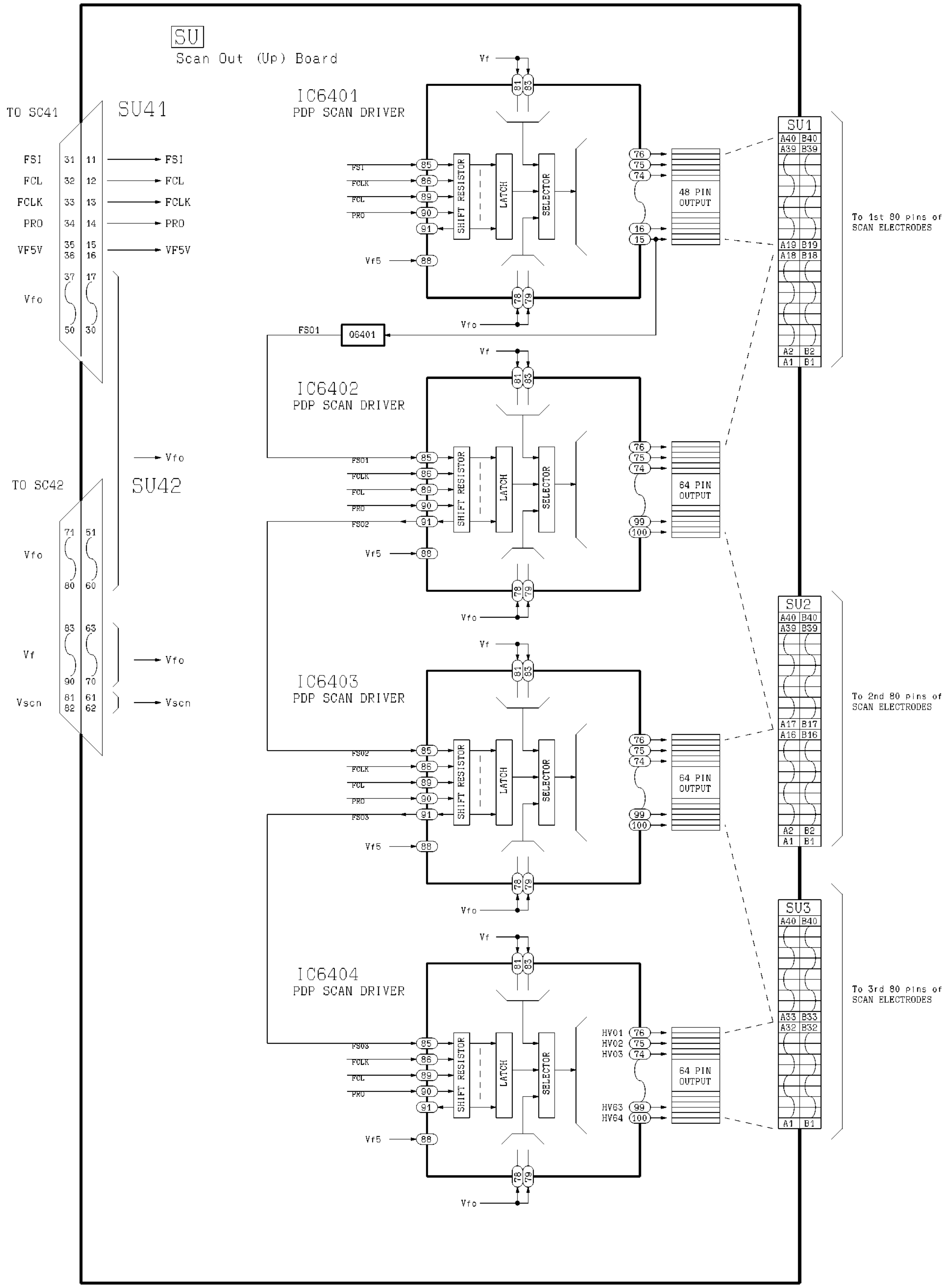
14.40. SD-Board (37 inch Models) Schematic Diagram


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
SD-BOARD TNPA2627 (For 37inch Models)
SD1
SD2
SD3
IC6405
C0HBC0000006
(SN755864)
IC6406
C0HBC0000006
(SN755864)
IC6407
C0HBC0000006
(SN755864)
IC6408
C0HBC0000006
(SN755864)
Vf
Vfo
Vf5
Vfo
Vscn
Vf
FOIL SIDE (UPPER)
(LOWER) COMPONENT SIDE
FOIL SIDE (UPPER)
COMPONENT SIDE (LOWER)
SD43 (Card Edge)
TO SC-BOARD (SC43)
SD44 (Card Edge)
TO SC-BOARD (SC44)
VF5V
VF5V

TH-37PW5/TH-37PWD5
SD-Board(37 inch Models)Schematic Diagram

TH-37PW5/TH-37PWD5
SD-Board(37 inch Models)Schematic Diagram

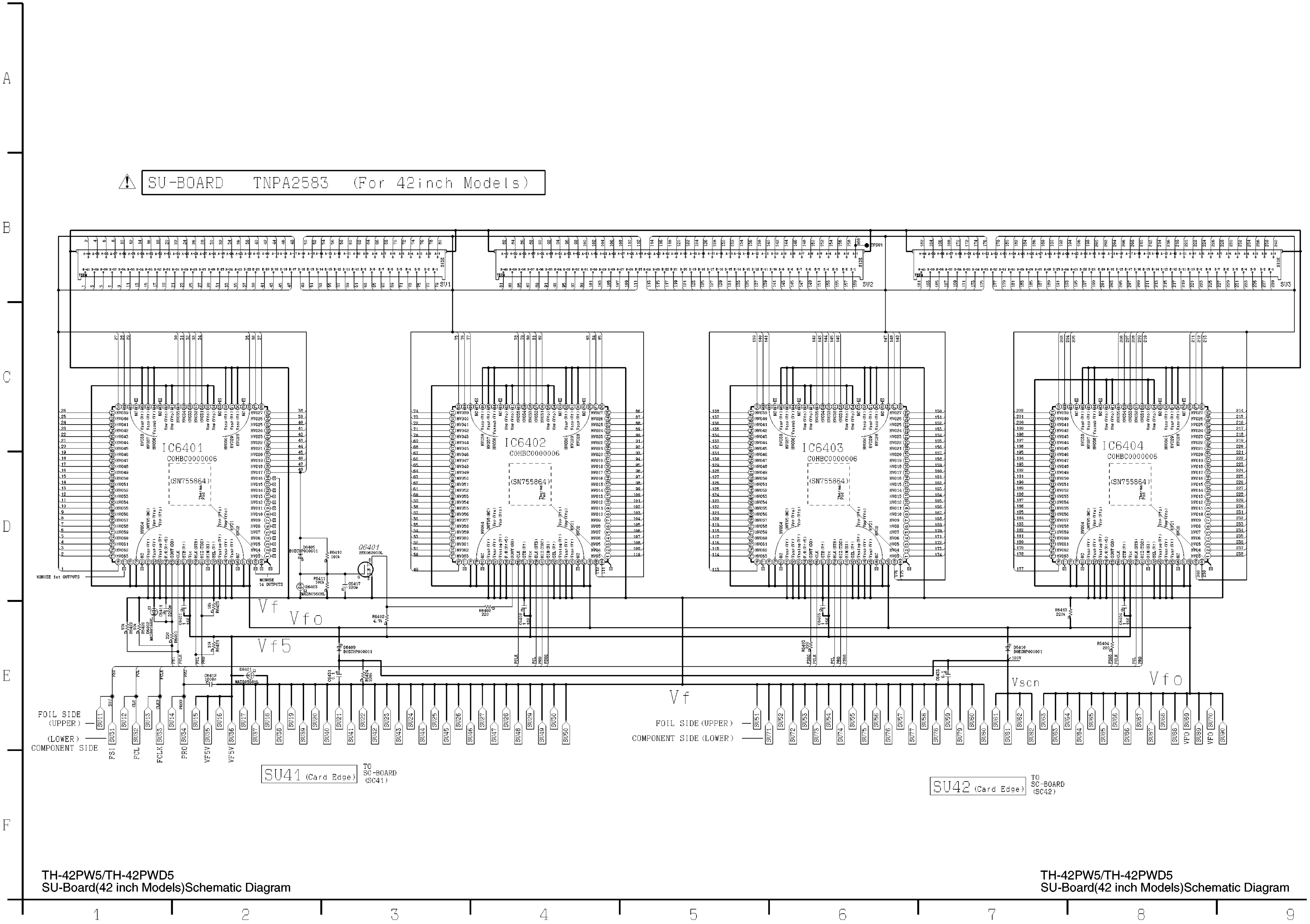
14.41. SU-Board Block Diagram


SU
Scan Out (Up) Board
TO SC41
SU41
FSI
FCL
FCLK
PRO
VF5V
Vfo
TO SC42
SU42
Vf
Vscn
IC6401
PDP SCAN DRIVER
IC6402
PDP SCAN DRIVER
IC6403
PDP SCAN DRIVER
IC6404
PDP SCAN DRIVER
SHIFT RESISTOR
LATCH
SELECTOR
48 PIN OUTPUT
64 PIN OUTPUT
Vf5
Vfo
FSO1
FSO2
FSO3
D6401
HVO1
HVO2
HVO3
HV63
HV64
SU1
SU2
SU3
To 1st 80 pins of SCAN ELECTRODES
To 2nd 80 pins of SCAN ELECTRODES
To 3rd 80 pins of SCAN ELECTRODES

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SU-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SU-Board Block Diagram

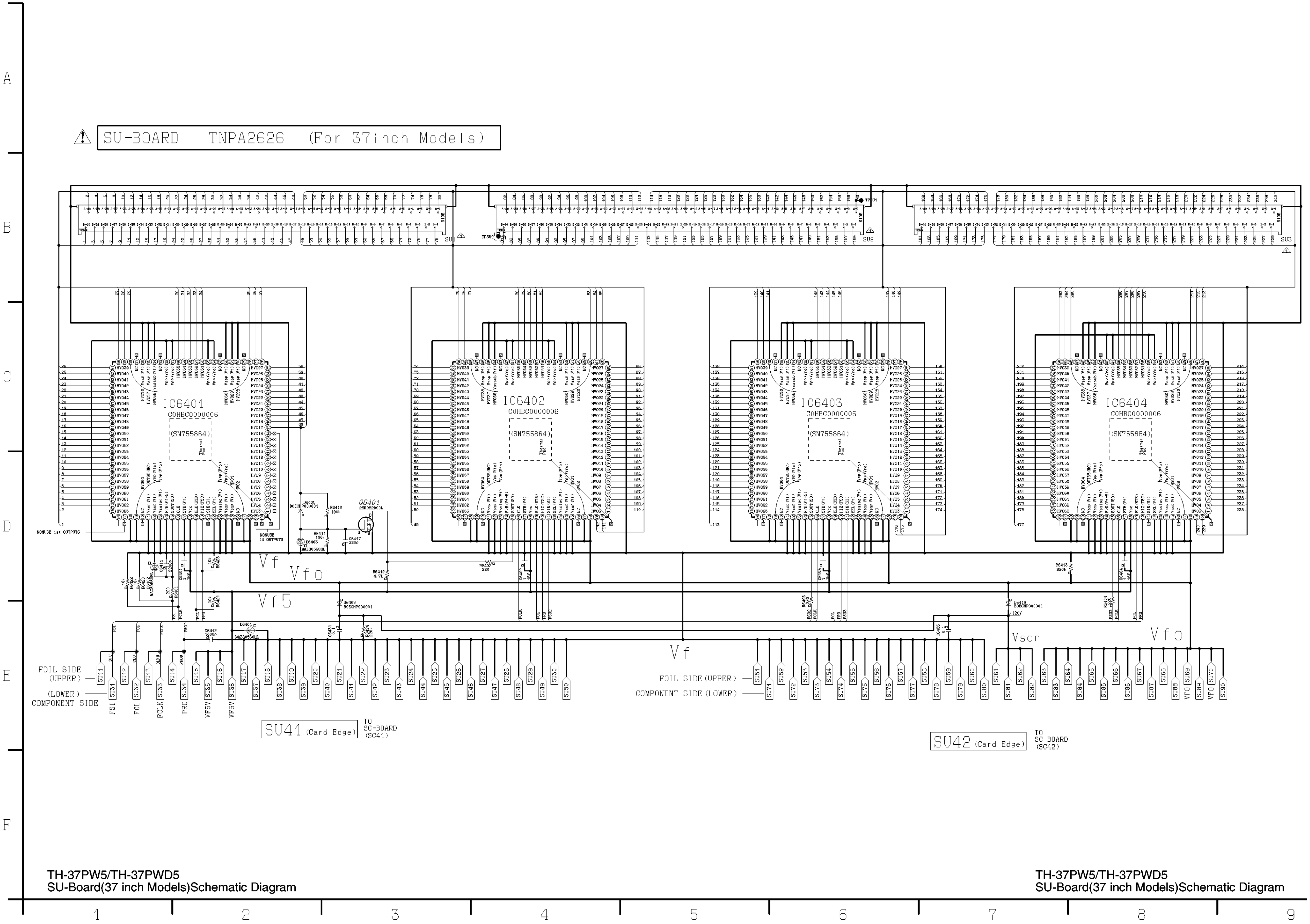
14.42. SU-Board (42 inch Models) Schematic Diagram


SU-BOARD TNPA2583 (For 42inch Models)
IC6401
C0HBC0000006
(SN755864)
IC6402
IC6403
IC6404
SU1
SU2
SU3
Q6401
Vf
Vfo
Vf5
Vscn
FOIL SIDE (UPPER)
(LOWER) COMPONENT SIDE
COMPONENT SIDE (LOWER)
SU41 (Card Edge)
TO SC-BOARD (SC41)
SU42 (Card Edge)
TO SC-BOARD (SC42)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-42PW5/TH-42PWD5
SU-Board(42 inch Models)Schematic Diagram

TH-42PW5/TH-42PWD5
SU-Board(42 inch Models)Schematic Diagram

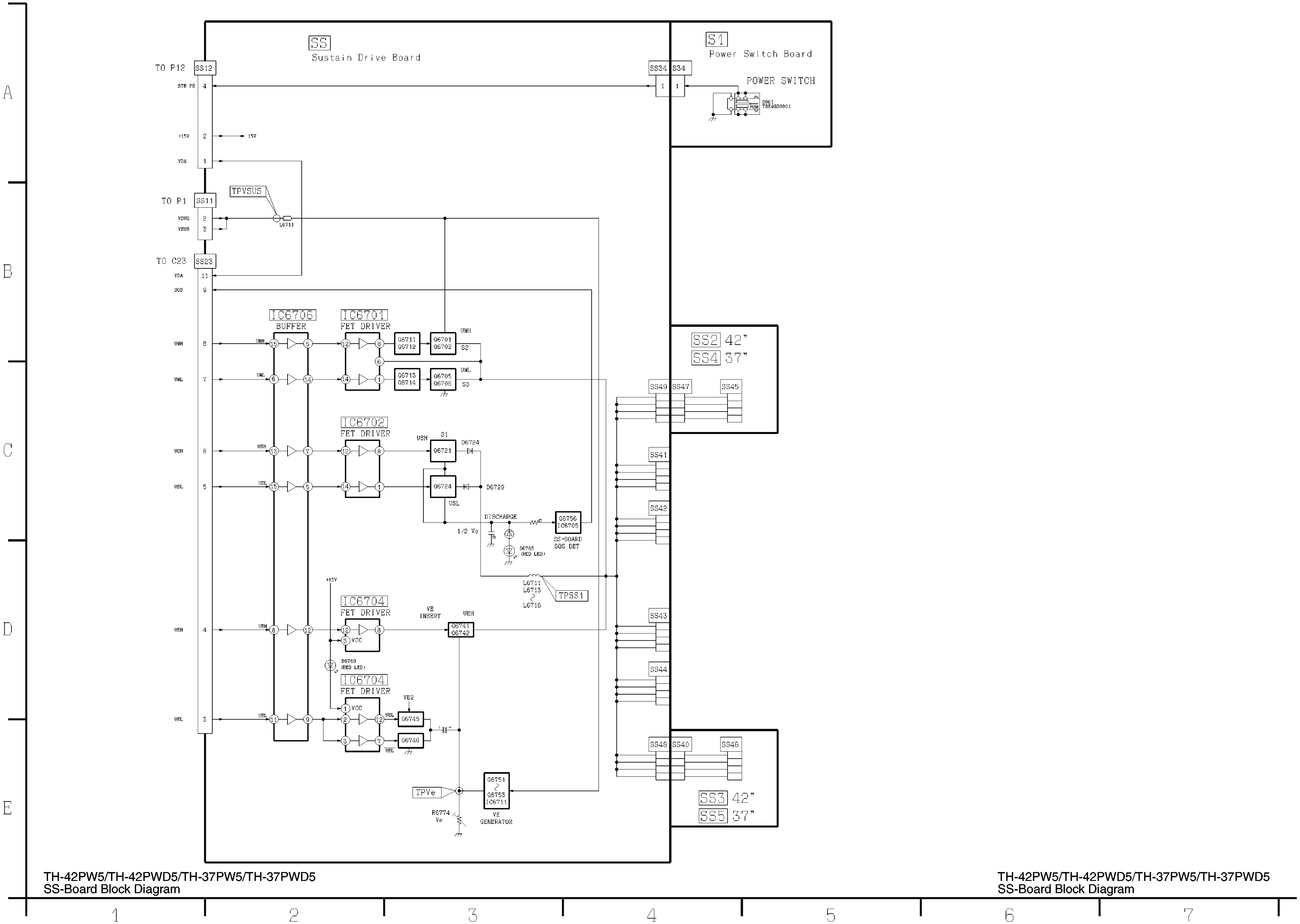
14.43. SU-Board (37 inch Models) Schematic Diagram


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
SU-BOARD TNPA2626 (For 37inch Models)
SU1
SU2
SU3
IC6401
C0HBC0000006
(SN755864)
IC6402
C0HBC0000006
(SN755864)
IC6403
C0HBC0000006
(SN755864)
IC6404
C0HBC0000006
(SN755864)
Q6401
NONUSE 1st OUTPUTS
Vf
Vfo
Vf5
Vf
Vscn
Vfo
FOIL SIDE (UPPER)
(LOWER)
COMPONENT SIDE
FSI
FCL
FCLK
PRO
VF5V
VF5V
FOIL SIDE (UPPER)
COMPONENT SIDE (LOWER)
VFO
VFO
SU41 (Card Edge)
TO SC-BOARD (SC41)
SU42 (Card Edge)
TO SC-BOARD (SC42)

TH-37PW5/TH-37PWD5
SU-Board(37 inch Models)Schematic Diagram

TH-37PW5/TH-37PWD5
SU-Board(37 inch Models)Schematic Diagram

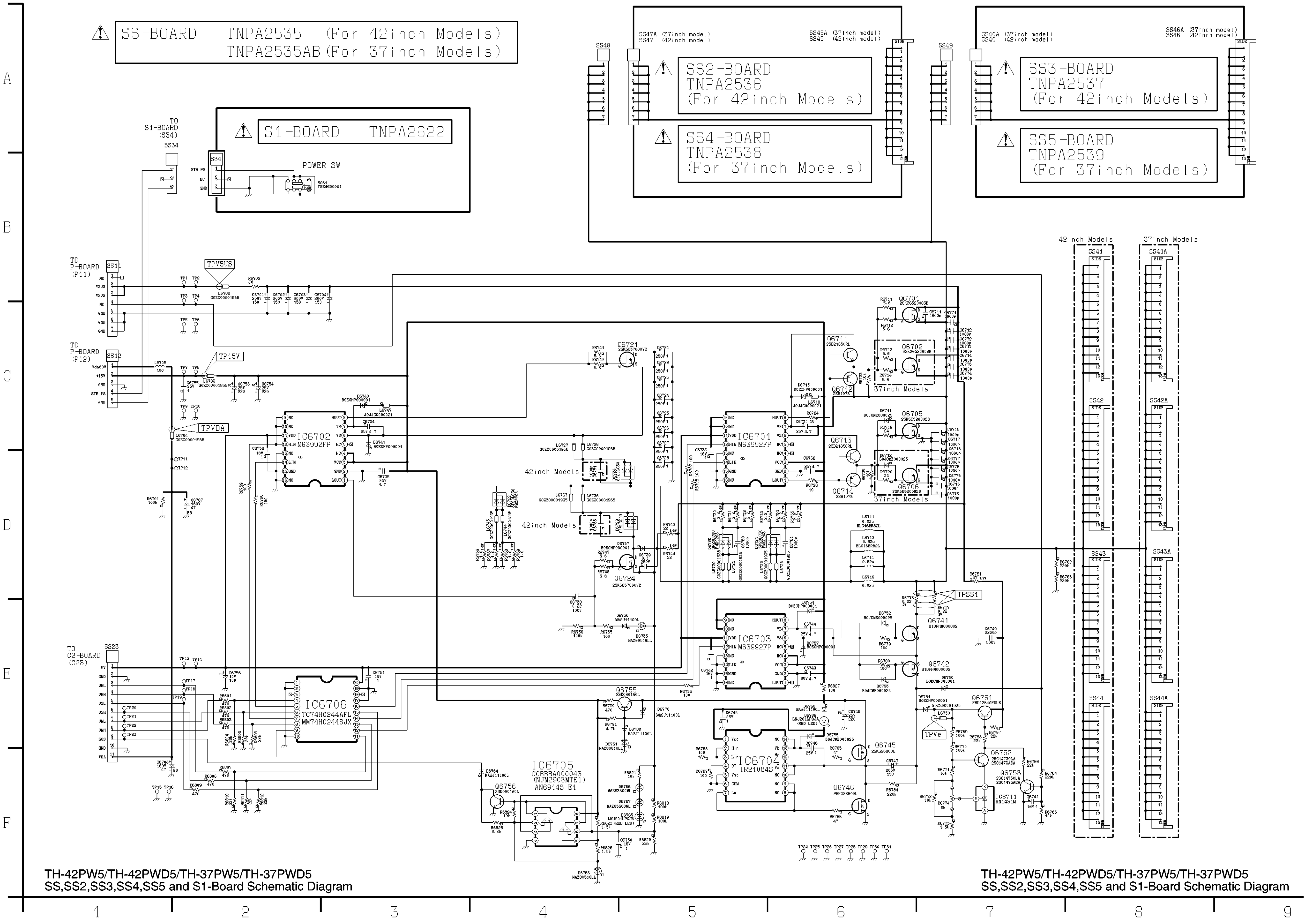
14.44. SS-Board Block Diagram


A
B
C
D
E
1
2
3
4
5
6
7
SS
Sustain Drive Board
S1
Power Switch Board
POWER SWITCH
S061
TSE4GD0001
PUSH
TO P12
SS12
STB PS
4
+15V
2
15V
VDA
1
SS34
S34
1
1
TPVSUS
TO P1
SS11
VSUS
2
VSUS
3
L6711
TO C23
SS23
VDA
11
SOS
9
IC6706
BUFFER
IC6701
FET DRIVER
UMH
8
UML
7
Q6711
Q6712
Q6701
Q6702
UMH
S2
Q6713
Q6714
Q6705
Q6706
UML
S3
IC6702
FET DRIVER
USH
6
USL
5
USH
S1
Q6721
D6724
Q6724
D6729
USL
DISCHARGE
1/2 Vo
Q6756
IC6705
SS-BOARD
SOS DET
D6765
(RED LED)
L6711
L6713
L6716
TPSS1
+15V
IC6704
FET DRIVER
VCC
VE
INSERT
UEH
Q6741
Q6742
UEH
4
D6769
(RED LED)
IC6704
FET DRIVER
VCC
VE2
UEL
3
Q6745
Q6746
UEL
TPVe
R6774
Ve
Q6751
Q6753
IC6711
VE
GENERATOR
SS2 42"
SS4 37"
SS49
SS47
SS45
SS41
SS42
SS43
SS44
SS48
SS40
SS46
SS3 42"
SS5 37"

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SS-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SS-Board Block Diagram

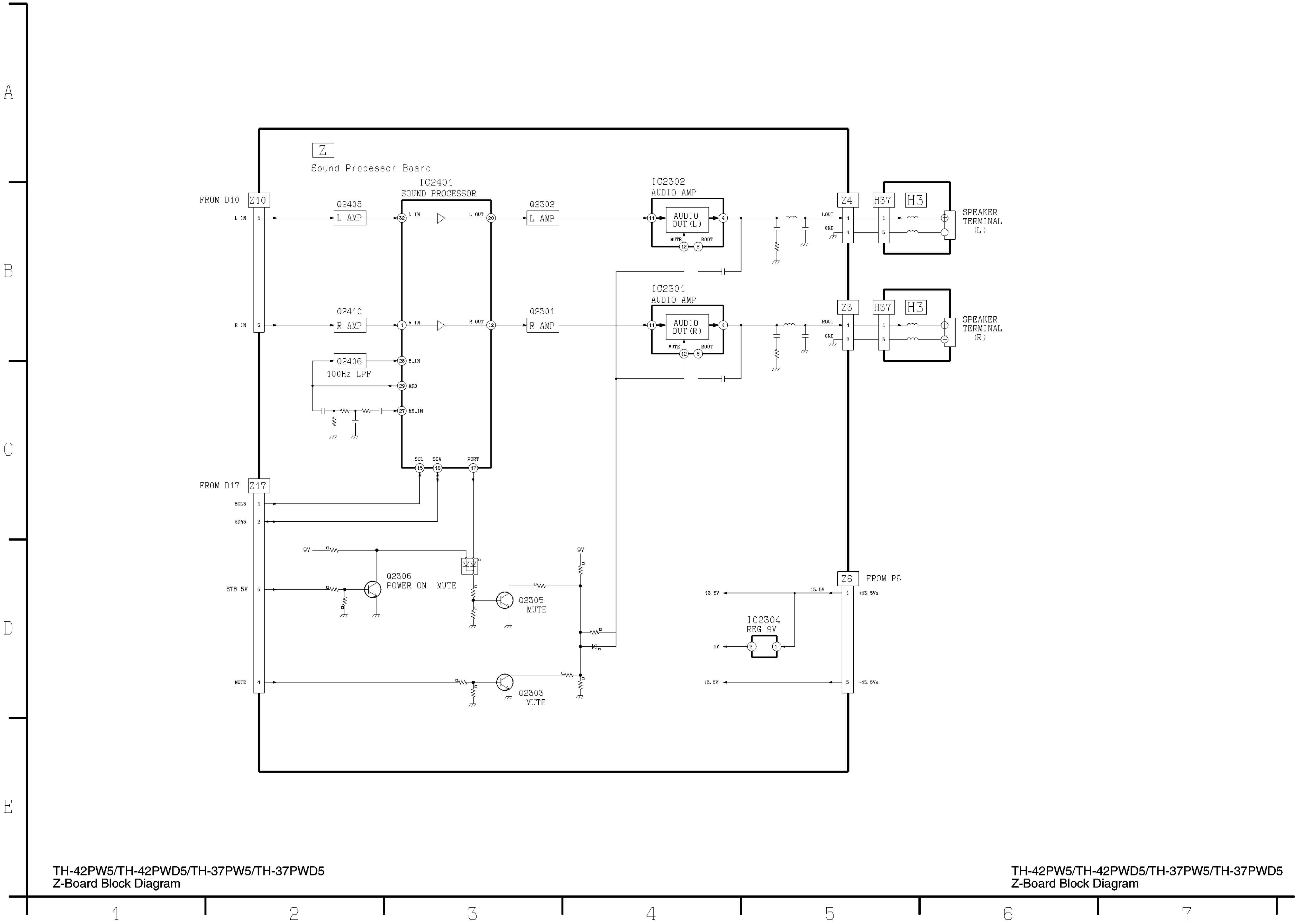
14.45. SS, SS2, SS3, SS4, SS5 and S1-Board Schematic Diagram


SS-BOARD TNPA2535 (For 42inch Models)
TNPA2535AB (For 37inch Models)
S1-BOARD TNPA2622
POWER SW
TO S1-BOARD (S34)
SS34
SS2-BOARD TNPA2536 (For 42inch Models)
SS4-BOARD TNPA2538 (For 37inch Models)
SS3-BOARD TNPA2537 (For 42inch Models)
SS5-BOARD TNPA2539 (For 37inch Models)
SS48
SS49
SS47A (37inch model)
SS47 (42inch model)
SS45A (37inch model)
SS45 (42inch model)
SS40A (37inch model)
SS40 (42inch model)
SS46A (37inch model)
SS46 (42inch model)
42inch Models
37inch Models
SS41
SS41A
SS42
SS42A
SS43
SS43A
SS44
SS44A
TO P-BOARD (P11)
SS11
TPVSUS
TO P-BOARD (P12)
SS12
TP15V
TPVDA
TO C2-BOARD (C23)
SS23
IC6702 M63992FP
IC6701 M63992FP
IC6703 M63992FP
IC6706 TC74HC244AFL MM74HC244SJX
IC6704 IR2108S
IC6705 C0BBBA000043 (NJM2903MTE1) AN6914S-E1
IC6711 AN1431M
Q6701
Q6702
Q6705
Q6706
Q6711
Q6712
Q6713
Q6714
Q6721
Q6724
Q6741
Q6742
Q6745
Q6746
Q6751
Q6752
Q6753
Q6755
Q6756
37inch Models
42inch Models
TPSS1
TPVe
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SS,SS2,SS3,SS4,SS5 and S1-Board Schematic Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
SS,SS2,SS3,SS4,SS5 and S1-Board Schematic Diagram

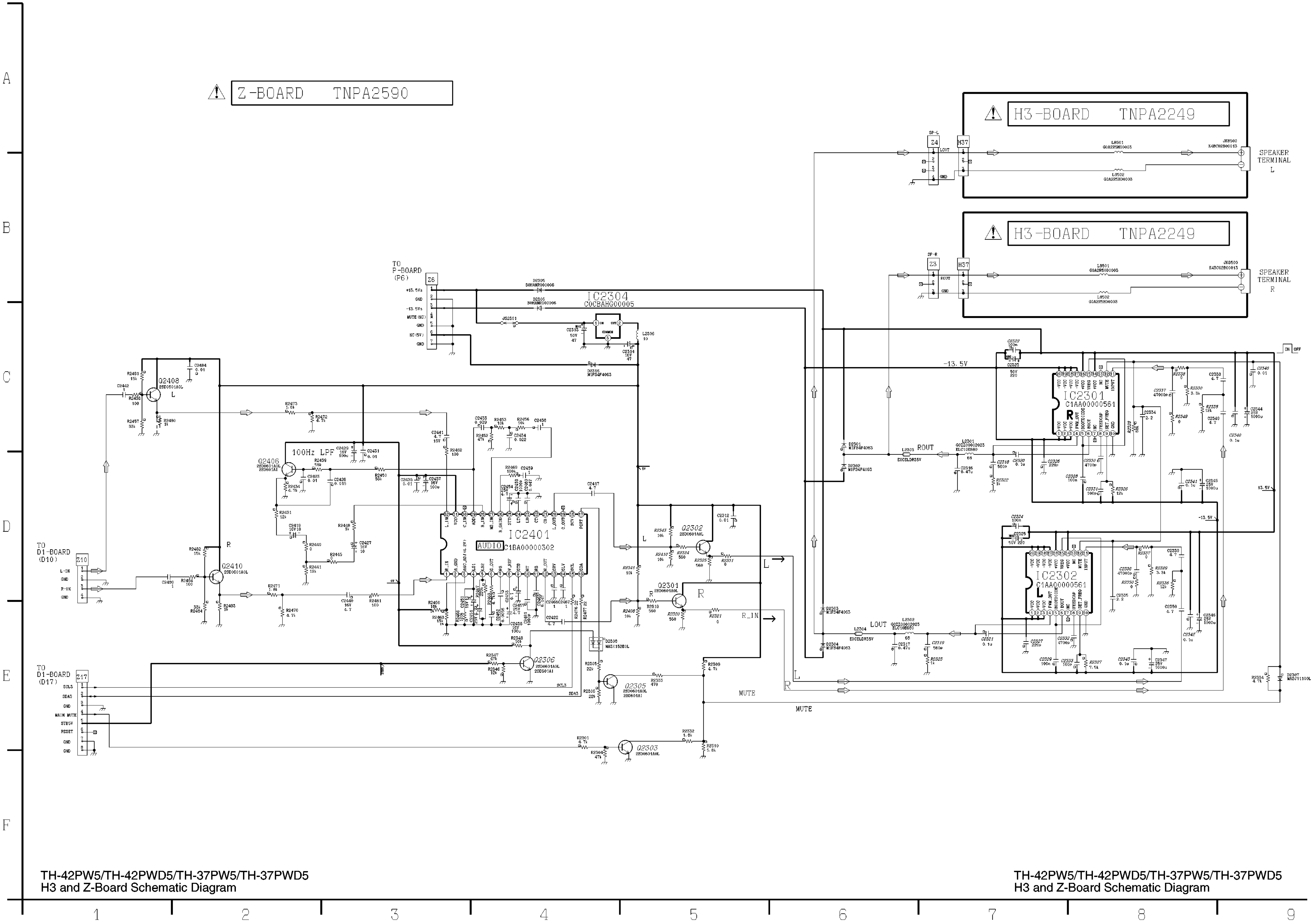
14.46. Z-Board Block Diagram


A
B
C
D
E
1
2
3
4
5
6
7
Z
Sound Processor Board
FROM D10
Z10
L IN
1
R IN
3
Q2408
L AMP
Q2410
R AMP
Q2406
100Hz LPF
IC2401
SOUND PROCESSOR
32
L IN
L OUT
20
1
R IN
R OUT
12
28
B_IN
29
ADD
27
MS_IN
SCL
15
SDA
16
PORT
17
Q2302
L AMP
Q2301
R AMP
IC2302
AUDIO AMP
11
AUDIO OUT (L)
4
MUTE
12
BOOT
6
IC2301
AUDIO AMP
11
AUDIO OUT (R)
4
MUTE
12
BOOT
6
Z4
LOUT
1
GND
4
H37
1
3
H3
SPEAKER TERMINAL (L)
Z3
ROUT
1
GND
3
H37
1
3
H3
SPEAKER TERMINAL (R)
FROM D17
Z17
SCL3
1
SDA3
2
STB 5V
5
MUTE
4
9V
Q2306
POWER ON MUTE
9V
Q2305
MUTE
Q2303
MUTE
Z6
FROM P6
13.5V
13.5V
1
+13.5Vs
IC2304
REG 9V
9V
2
1
13.5V
3
-13.5Vs

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
Z-Board Block Diagram

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
Z-Board Block Diagram

14.47. H3 and Z-Board Schematic Diagram

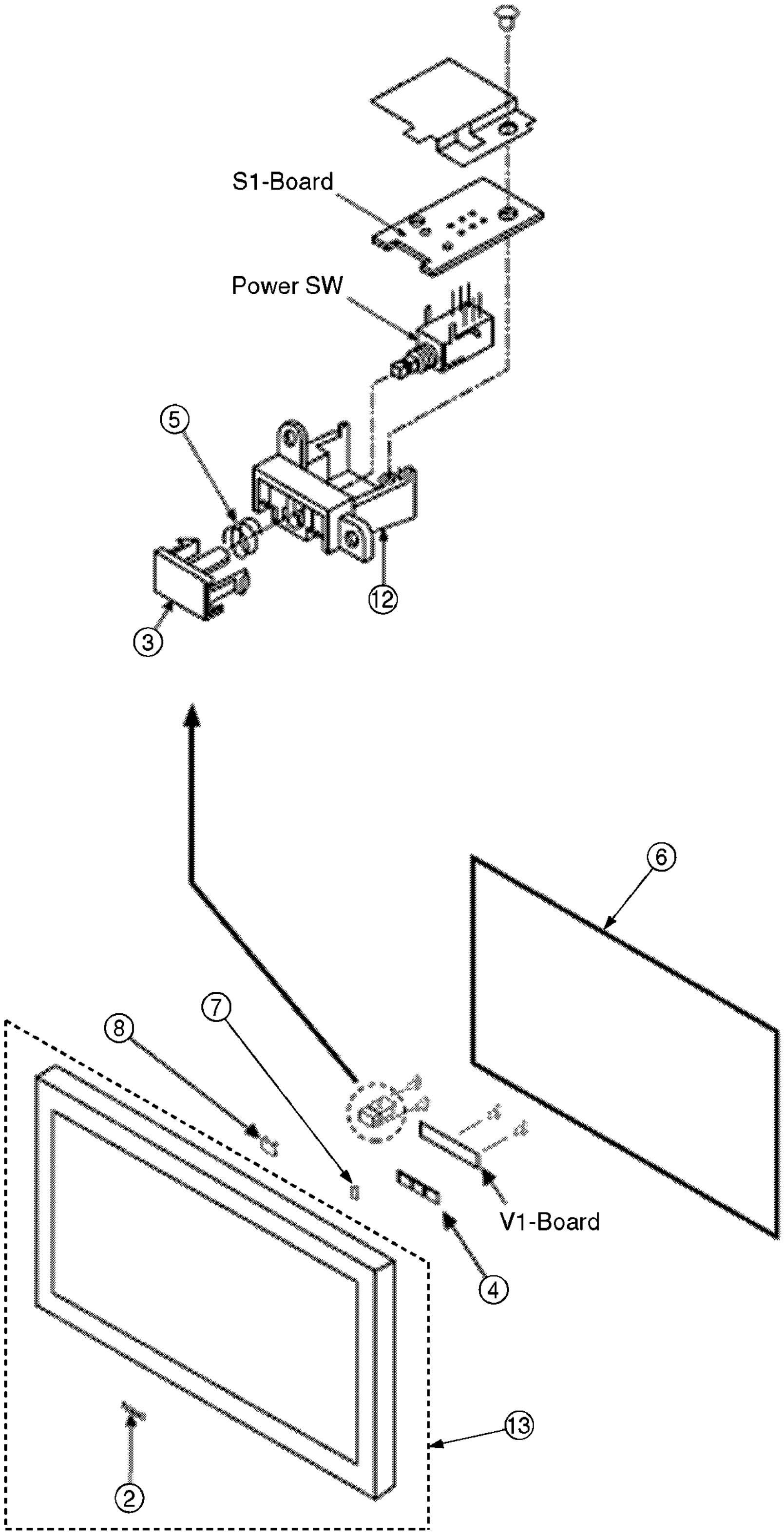

A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
Z-BOARD TNPA2590
H3-BOARD TNPA2249
H3-BOARD TNPA2249
SPEAKER TERMINAL L
SPEAKER TERMINAL R
TO P-BOARD (P6)
TO D1-BOARD (D10)
TO D1-BOARD (D17)
Z6
Z10
Z17
Z4
Z3
H37
IC2304
C0CBAHG000005
IC2401
C1BA00000302
AUDIO
IC2301
C1AA00000561
IC2302
C1AA00000561
100Hz LPF
Q2406
Q2408
Q2410
Q2301
Q2302
Q2303
Q2305
Q2306
ROUT
LOUT
L
R
R_IN
-13.5V
13.5V
MUTE
ON OFF

TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
H3 and Z-Board Schematic Diagram

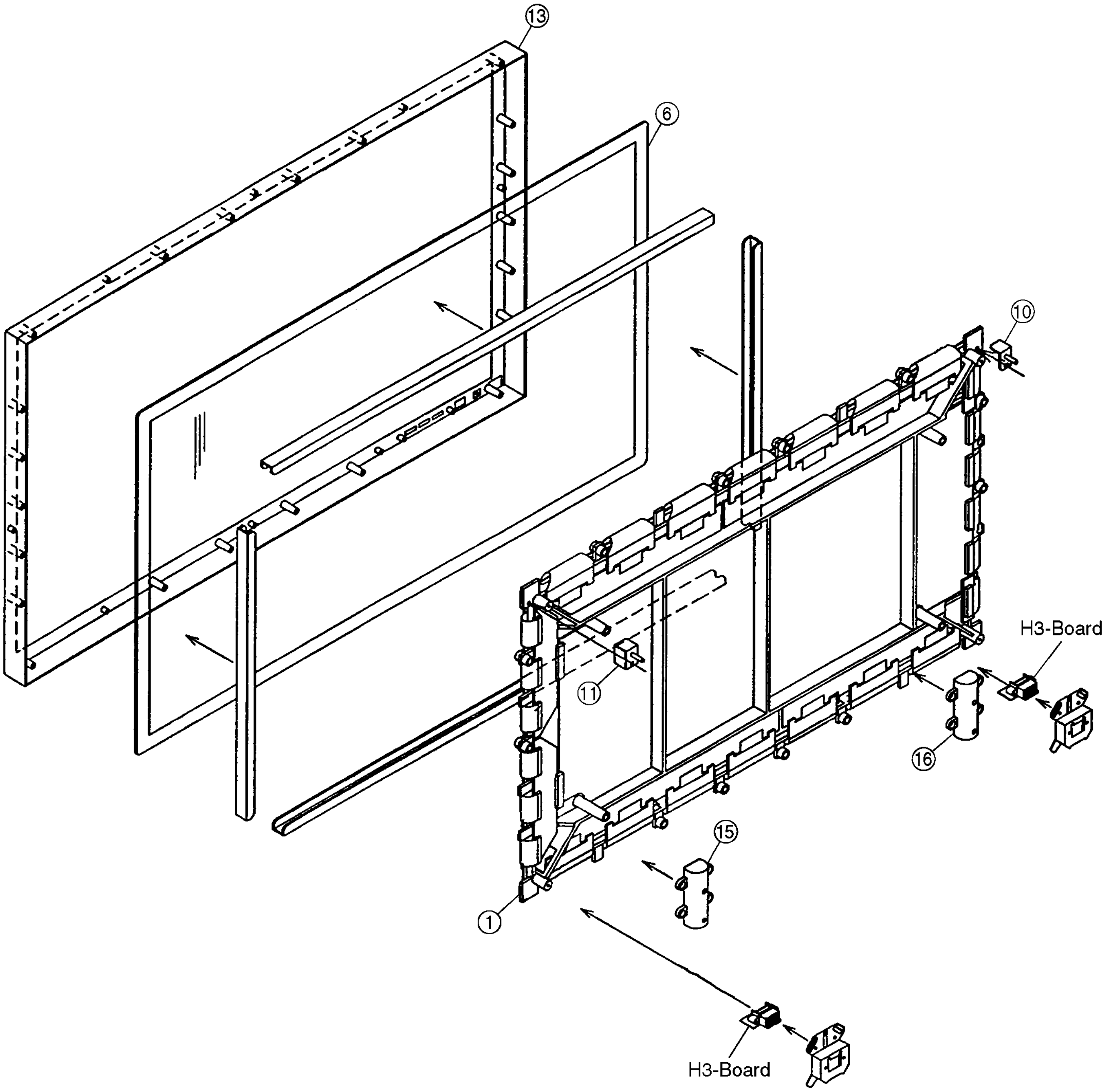
TH-42PW5/TH-42PWD5/TH-37PW5/TH-37PWD5
H3 and Z-Board Schematic Diagram

15 Parts Location

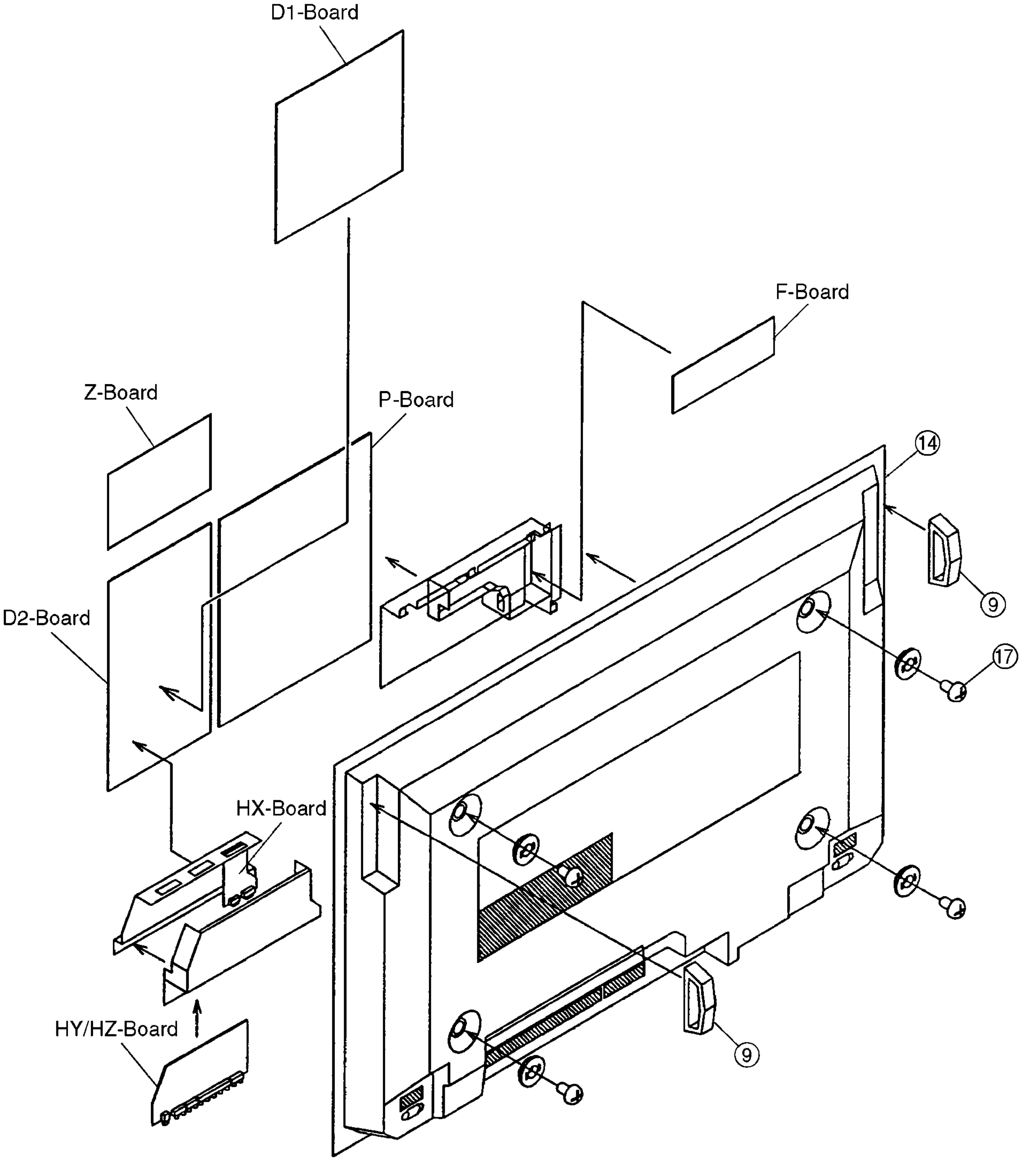
15.1. Parts Location1


S1-Board
Power SW
⑤
⑫
③
⑥
⑦
⑧
V1-Board
④
⑬
②

15.2. Parts Location2


⑬
⑥
⑩
⑪
H3-Board
⑯
⑮
①
H3-Board

15.3. Parts Location3


D1-Board
F-Board
Z-Board
P-Board
⑭
⑨
⑰
D2-Board
HX-Board
HY/HZ-Board
⑨

16 Mechanical Replacement Parts List

16.1. 42 inch Models Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	EUR646525	REMOTE CONTROL	1	
	J0KF00000018	FILTER	2	
	J0KG00000052	FILTER	1	
	J0KG00000052	FILTER	1	
	K2CG3DH00025	AC CORD	1	UY/UZ VERSION ⚠
	K2CK3DH00013	AC CORD	1	AY/AZ VERSION ⚠
	K2CN3DH00004	AC CORD	1	EX/FY/FZ/RY/RZ VERSION ⚠
	K2CT3DH00013	AC CORD	1	BX/HY/HZ VERSION ⚠
	K5Y802B00001	FUSE	2	⚠
1	MD42S05A1J	PLASMA DISPLAY PANEL	1	
2	TBMA008	PANASONIC BADGE	1	TH-42PWD5AY/BX/EX/FY/HY/RY/UY
2	TBMA118	PANASONIC BADGE	1	TH-42PW5AZ/BX/EX/FZ/HZ/RZ/UZ
3	TBXA28201B	POWER BUTTON	1	TH-42PW5AZ/BX/EX/FZ/HZ/RZ
3	TBXA28202A	POWER BUTTON	1	TH-42PW5UZ, TH-42PWD5AY/BX/EXFY/HY//RY/UY
4	TBXA35901	HINDGE BUTTON	1	TH-42PW5AZ/BX/EX/FZ/HZ/RZ
4	TBXA35902	HINDGE BUTTON	1	TH-42PW5UZ, TH-42PWD5AY/BX/EX/FY/HY/RY/UY
5	TESD031	SPRING	1	
	THEA068N	SCREW	4	
	THEL023Z	SCREW	9	
	THEL027N	SCREW	20	
	THTF003Y	SCREW	14	
6	TKGA5066	FRONT GLASS	1	EXCEPT UZ
6	TKGA5106	FRONT GLASS	1	TH-42PW5UZ
7	TKKC5105	LED PANEL	1	
8	TKPA43801	REMOCON RECEIVE PANEL	1	TH-42PW5AZ/BX/EX/FZ/HZ/RZ
8	TKPA43802	REMOCON RECEIVE PANEL	1	TH-42PW5UZ, TH-42PWD5AY/BX/EX/FY/HY/RY/UY
	TKPA63401	PHOTO IC RECEIVE PANEL	1	
9	TKRA20501	HANDLE	2	
	TMKG250	INSULATOR	2	
	TMKG251-1	INSULATOR	2	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	2	
	TMM7464-2	CLAMPER	1	
	TMM7468-1	CLAMPER	1	
	TMMD006	SPACER	4	
10	TMMD007-1	BRACKET(RIGTH)	1	TMMD007
11	TMMD008-1	BRACKET(LEFT)	1	TMMD008
	TMME047	CLAMPER	4	
	TMME061	CLAMPER	2	
	TMME075	EADG SADOLE	2	
	TMME152	CLAMPER	2	
	TMME185	CLAMPER	2	
	TMME186	CLAMPER	2	
	TMME187	CLAMPER	2	
	TMME190	CLAMPER	2	
	TMMX071	SPACER	12	
12	TMWC006-1	POWER BUTTOM BRACKET	1	
	TMWF003	BRACKET	1	
	TMZA5003	BRACKET	2	
	TPCA95857	CARTON BOX	1	TH-42PWD5UY ⚠
	TPCA95858	CARTON BOX	1	TH-42PWD5EX ⚠
	TPCA95859	CARTON BOX	1	TH-42PWD5RY ⚠
	TPCA95860	CARTON BOX	1	TH-42PWD5BX ⚠
	TPCA95861	CARTON BOX	1	TH-42PWD5HY ⚠
	TPCA95862	CARTON BOX	1	TH-42PWD5AY ⚠
	TPCA95863	CARTON BOX	1	TH-42PWD5FY ⚠
	TPCA95864	CARTON BOX	1	TH-42PW5UZ ⚠
	TPCA95865	CARTON BOX	1	TH-42PW5EX ⚠
	TPCA95866	CARTON BOX	1	TH-42PW5RZ
	TPCA95867	CARTON BOX	1	TH-42PW5BX ⚠
	TPCA95868	CARTON BOX	1	TH-42PW5HZ ⚠
	TPCA95869	CARTON BOX	1	TH-42PW5AZ ⚠
	TPCA95870	CARTON BOX	1	TH-42PW5FZ ⚠
	TPCA95901A	BOTTOM CARTON	1	
	TPD169487	JOINT	4	
	TPDA0510-1	CUSHION(UPPER RIGHT)	1	
	TPDA0511-1	CUSHION(UPPER LEFT)	1	
	TPDA0512	CUSHION(UPPER CENTER)	1	
	TPDA0513	CUSHION(BOTTOM RIGHT)	1	
	TPDA0514	CUSHION(BOTTOM LEFT)	1	
	TPDA0515-2	CUSHION(BOTTOM CENTER)	1	
	TPDF0596	CUSHION	1	
	TPDF0737	PAPER BOX	1	
	TPEH170	PROTECT COVER	1	
	TQBC0396	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW5UZ ⚠
	TQBC0397	INSTRUCTION BOOK(FRENCH)	1	TH-42PW5UZ ⚠
	TQBC0398	INSTRUCTION BOOK(SPANISH)	1	TH-42PW5UZ ⚠
	TQBC0399	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD5UY ⚠
	TQBC0400	INSTRUCTION BOOK(FRENCH)	1	TH-42PWD5UY ⚠
	TQBC0401	INSTRUCTION BOOK(SPANISH)	1	TH-42PWD5UY ⚠
	TQBC0402-1	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW5EX ⚠
	TQBC0403-1	INSTRUCTION BOOK(GERMAN)	1	TH-42PW5EX ⚠
	TQBC0404-1	INSTRUCTION BOOK(FRENCH)	1	TH-42PW5EX ⚠
	TQBC0405-1	INSTRUCTION BOOK(ITALIAN)	1	TH-42PW5EX ⚠
	TQBC0406-1	INSTRUCTION BOOK(SPANISH)	1	TH-42PW5EX ⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TQBC0407-1	INSTRUCTION BOOK(DUTCH)	1	TH-42PW5EX ⚠
	TQBC0408-1	INSTRUCTION BOOK(DANISH)	1	TH-42PW5EX ⚠
	TQBC0409-1	INSTRUCTION BOOK(SWEDISH)	1	TH-42PW5EX ⚠
	TQBC0412-1	INSTRUCTION BOOK(FRENCH)	1	TH-42PWD5EX ⚠
	TQBC0413-1	INSTRUCTION BOOK(ITALIAN)	1	TH-42PWD5EX ⚠
	TQBC0415-1	INSTRUCTION BOOK(SPANISH)	1	TH-42PWD5EX ⚠ ;
	TQBC0416-1	INSTRUCTION BOOK(DUTCH)	1	TH-42PWD5EX ⚠
	TQBC0417-1	INSTRUCTION BOOK(DANISH)	1	TH-42PWD5EX ⚠
	TQBC0418-1	INSTRUCTION BOOK(SWEDISH)	1	TH-42PWD5EX ⚠
	TQBC0419	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW5AZ/HZ/RZ ⚠
	TQBC0420	INSTRUCTION BOOK(GERMAN)	1	TH-42PW5RZ ⚠
	TQBC0421	INSTRUCTION BOOK(FRENCH)	1	TH-42PW5RZ ⚠
	TQBC0422	INSTRUCTION BOOK(ITALIAN)	1	TH-42PW5RZ ⚠
	TQBC0423	INSTRUCTION BOOK(SPANISH)	1	TH-42PW5RZ ⚠
	TQBC0424	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD5AY/HY/RY ⚠
	TQBC0425	INSTRUCTION BOOK(GERMAN)	1	TH-42PWD5RY ⚠
	TQBC0426	INSTRUCTION BOOK(FRENCH)	1	TH-42PWD5RY ⚠
	TQBC0427	INSTRUCTION BOOK(ITALIAN)	1	TH-42PWD5RY ⚠
	TQBC0428	INSTRUCTION BOOK(SPANISH)	1	TH-42PWD5RY ⚠
	TQBC0429	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW5BX ⚠
	TQBC0430	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD5BX ⚠
	TQBC0431	INSTRUCTION BOOK(KOREA)	1	TH-42PW5FZ ⚠
	TQBC0432	INSTRUCTION BOOK(KOREA)	1	TH-42PWD5FY ⚠
	TQBC0524	INSTRUCTION BOOK(RUSSIAN)	1	TH-42PW5RZ ⚠
	TQBC0525	INSTRUCTION BOOK(RUSSIAN)	1	TH-42PWD5RY ⚠
	TQBC7060	SERVIS SENTER LIST	1	TH-42PW5UZ
	TSXL139	CABLE	6	
	TSXL187	CABLE(FPC)(D31-C11/D32-C21)	2	
	TSXL222	CABLE (C12-C22)	1	
	TSXL231	CABLE	6	
13	TTEA0090	ESCUTCHEON	1	TH-42PWD5AY/BX/EX/FY/HY/RY/UY ⚠
13	TTEA0091	ESCUTCHEON	1	TH-42PW5UZ ⚠
13	TTEA0092	ESCUTCHEON	1	TH-42PW5AZ/BX/EX/FZ/HZ/RZ ⚠
14	TTUA0542	REAR COVER	1	TH-42PWD5UY ⚠
14	TTUA0543	REAR COVER	1	TH-42PWD5BX/EX ⚠
14	TTUA0544	REAR COVER	1	TH-42PWD5AY/HY/RY ⚠
14	TTUA0545	REAR COVER	1	TH-42PWD5FY ⚠
14	TTUA0546	REAR COVER	1	TH-42PW5UZ ⚠
14	TTUA0547	REAR COVER	1	TH-42PW5BX/EX ⚠
14	TTUA0548	REAR COVER	1	TH-42PW5AZ/HZ/RZ ⚠
14	TTUA0549	REAR COVER	1	TH-42PW5FZ ⚠
	TXAJS010MMS	AC INLET	1	⚠
15	TXFMZ010JAS	STAND BLOCK	1	
	TXJSPL0LLS	SPEAKER LEAD	1	
	XTBT964	SCREW	2	
	XTS3+10J	SCREW	7	
	XYN3+F10	SCREW	6	
	XYN3+F10FZ	SCREW	14	
	XYN3+F6	SCREW	18	
	XYN3+F8	SCREW	88	
	XYN4+E8	SCREW	1	
	XYN4+F38FZ	SCREW	16	
	XYN5+C20	SCREW	8	
	XYN8+F20FZ	SCREW	4	
	XZBT6506	POLY BAG	1	

16.2. 37 inch Models Mechanical Replacement Parts List

17 Replacement Parts List

17.1. Relpacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type Allowance

Type	Allowance
C : Carbon F : Fuse M : Metal Oxide Metal FIlm S : Solid W : Wire Wound	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%

Type	Allowance
C : Ceramic E : Electrolytic P : Polyester Polyprop lene T : Tantalum	C : ±0.25pF D : ±0.5pF F : ±1pF G : ±3pF J : ±5pF K : ±10pF L : ±15pF M : ±20pF P : +100%, -0% Z : +80%, -20%

17.2. 42 inch Models (UY/ UZ Version) Electrical Replacement List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C11	K1MN80B00002	CONNECTOR	1	
C12	K1MN20B00043	CONNECTOR	1	
C21	K1MN80B00002	CONNECTOR	1	
C22	K1MN20B00043	CONNECTOR	1	
C23	K1KA11A00102	11P CONNECTOR	1	
C24	K1KA08A00232	8P CONNECTOR	1	
C081	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C502	ECQE6473KF	P 0.047UF, K,630V	1	
C503	ECKD3D101KBP	C 100PF, K, 2KV	1	
C504	ECKD3D102KBP	C 1000PF, K, 2KV	1	
C505-07	ECKDAE472ZE	C 4700PF, Z,	3	⚠
C508,09	EETHC2D122K	E 1200UF, 200V	2	
C510	ECKF1H471KB	C 470PF, K, 50V	1	
C511	ECQB1H221KF	P 220PF, K, 50V	1	
C512	ECA1EHG221	E 220UF, 25V	1	
C513	ECA1EHG101	E 100UF, 25V	1	
C514	EETHC2D102K	E 1000UF, 200V	1	
C517,18	ECKD3D152KBP	C 1500PF, K, 2KV	2	
C519	ECA1EHG221	E 220UF, 25V	1	
C520	ECKF1H471KB	C 470PF, K, 50V	1	
C521	ECKDNA102MB	C 1000PF, Z,	1	⚠
C522	ECQB1H221KF	P 220PF, K, 50V	1	
C523	ECA1EHG221	E 220UF, 25V	1	
C524-26	ECKDAE472ZE	C 4700PF, Z,	3	⚠
C527	ECA2DHG220	E 22UF, 200V	1	
C528	ECKD2H821KB2	C 820PF, K,500V	1	ECKD2H821KB5
C529,30	ECQV1H104JM	P 0.1UF, J, 50V	2	
C531	ECA1EHG470	E 47UF, 25V	1	
C532	ECA1HHG220	E 22UF, 50V	1	
C601,02	ECKF1H103ZF	C 0.01UF, Z, 50V	2	
C603	ECA1EHG471	E 470UF, 25V	1	
C604	ECA1EHG101	E 100UF, 25V	1	
C605,06	ECKF1H103ZF	C 0.01UF, Z, 50V	2	
C607	ECA1EHG101	E 100UF, 25V	1	
C608	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C609	ECKD3D122KBP	C 1200PF, K, 2KV	1	
C611,12	EETHC2D182L	E 1800UF, 200V	2	
C613	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C614	ECA1EHG101	E 100UF, 25V	1	
C615	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C616	ECQB1H103JF	P 0.01UF, J, 50V	1	
C617	EEUEB1E101	E 100UF, 25V	1	
C618	ECKD3A101KBP	C 100PF, K, 1KV	1	
C619	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C620	ECA1HHG101	E 100UF, 50V	1	
C621	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C622	ECKD3A101KBP	C 100PF, K, 1KV	1	
C623	ECQB1H103JF	P 0.01UF, J, 50V	1	
C624,25	ECA1EHG222	E 2200UF, 25V	2	
C626	ECQB1H103JF	P 0.01UF, J, 50V	1	
C627	ECKD3A101KBP	C 100PF, K, 1KV	1	
C628,29	ECA1EHG222	E 2200UF, 25V	2	
C630	ECQB1H103JF	P 0.01UF, J, 50V	1	
C631	ECKD3A471KBP	C 470PF, K, 1KV	1	
C632	ECQV1H105JM	P 1UF, J, 50V	1	
C633	ECKD3A101KBP	C 100PF, K, 1KV	1	
C634	ECA1EHG472	E 4700UF, 25V	1	
C635	ECQB1H103JF	P 0.01UF, J, 50V	1	
C636	EEUFC0J122	E 1200UF, 6.3V	1	
C637	EETHC2C821B	E 820UF, 160V	1	
C638	ECKD2H103ZU	C 0.01UF, Z,500V	1	
C639	ECQB1H222JF	P 2200PF, J, 50V	1	
C640,41	EEUFC1V151	E 150UF, 35V	2	
C642,43	ECKF1H103ZF	C 0.01UF, Z, 50V	2	
C645	ECA1AHG471	E 4700UF, 10V	1	
C646	ECKD2H561KB2	C 560PF, K,500V	1	
C647	EEUFC1C471	E 470UF, 16V	1	
C648	ECA1EHG470	E 47UF, 25V	1	
C649	ECKD2H561KB2	C 560PF, K,500V	1	
C650	ECA1EHG102	E 1000UF, 25V	1	
C651	ECA1EHG470	E 47UF, 25V	1	
C652,53	ECKF1H223ZF	C 0.022UF, Z, 50V	2	
C900,01	ECQU2A224BN9	P 0.22UF, 250V	2	⚠
C902	ECQU2A105BN9	P 1UF, 250V	1	⚠
C903-06	ECKCNA221KB7	C 220PF, M,	4	⚠
C2312	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2313	ECA1HHG470	E 47UF, 50V	1	
C2314	EEVHB1C470	E 47UF, 16V	1	
C2316,17	ECQV1H474JM	P 0.47UF, J, 50V	2	
C2318,19	ECJ2XC1H561J	C 560PF, J, 50V	2	
C2320-22	ECJ2VF1H104Z	C 0.1UF, Z, 50V	3	
C2323	ECA1HHG221	E 220UF, 50V	1	
C2324	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2325	ECA1HHG221	E 220UF, 50V	1	
C2326,27	ECJ2XC1H221J	C 220PF, J, 50V	2	
C2328,29	ECJ2VF1H104Z	C 0.1UF, Z, 50V	2	
C2330	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2331	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2332	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2333	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2334,35	TCUY1C225KBM	C 2.2UF, 16V	2	F1K1C225A026
C2336,37	ECJ2XB1H473K	C 0.047UF, K, 50V	2	
C2338,39	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2340-43	ECJ2VF1H104Z	C 0.1UF, Z, 50V	4	
C2344-47	EEUGZ1D102SB	E 1000UF, 20V	4	
C2348	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2349,50	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2417	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2419	EEVHB1C100	E 10UF, 16V	1	
C2422	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2423	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2426	ECJ2XB1H153K	C 0.015UF, K, 50V	1	
C2427	EEVHB1C100	E 10UF, 16V	1	
C2429	EEAGA1C101	E 100UF, 16V	1	
C2431	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2433	ECJ2XB1H393K	C 0.039UF, K, 50V	1	
C2434	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C2435	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2436	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C2437,38	EEAGA1C101	E 100UF, 16V	2	
C2440,41	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2442	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2450	EEVHB1C100	E 10UF, 16V	1	
C2451	EEVHB1E4R7	E 4.7UF, 25V	1	EEVHB1E4R7R
C2452	ECJ2XB1H562K	C 5600PF, K, 50V	1	
C2453	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2454	EEVHB1E4R7	E 4.7UF, 25V	1	EEVHB1E4R7R
C2457	EEVHB1E4R7	E 4.7UF, 25V	1	EEVHB1E4R7R
C2458	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C2459	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C2460	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2461	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C2463	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2466,67	ECJ3VB1C104K	C 0.10UF, K, 16V	2	
C2480	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2484	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3001-03	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3004	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3005-07	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3008,09	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C3010-12	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3013,14	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C3015-17	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3018	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3019	EEVHB1C470	E 47UF, 16V	1	
C3020	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3021	EEVHB1C470	E 47UF, 16V	1	
C3022	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3023	EEVHB1C470	E 47UF, 16V	1	
C3024	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3026	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3027	EEVHB1C470	E 47UF, 16V	1	
C3028	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3029	EEVHB1C470	E 47UF, 16V	1	
C3030,31	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C3032	EEVHB1C470	E 47UF, 16V	1	
C3033-35	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C3036	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3037-39	EEVHB1C470	E 47UF, 16V	3	
C3040,41	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3042	EEVHB1C470	E 47UF, 16V	1	
C3049,50	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3301,02	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C3303,04	EEVHB1C470	E 47UF, 16V	2	
C3305	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3306,07	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3309	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3310	EEVHB1C470	E 47UF, 16V	1	
C3311	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3312,13	EEVHB1C470	E 47UF, 16V	2	
C3314	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3351,52	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3353-60	ECJ2VF1C105Z	C 1UF, Z, 16V	8	
C3361	EEVHB1C470	E 47UF, 16V	1	
C3362	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3363	EEVHB1C470	E 47UF, 16V	1	
C3364	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3365	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405	EEVHB1C470	E 47UF, 16V	1	
C3406	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3407	EEVHB1C470	E 47UF, 16V	1	
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3410	EEVHB1C470	E 47UF, 16V	1	
C3501	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3502	EEVHP1E220	E 22UF, 25V	1	
C3503,04	EEVHP1E100	E 10UF, 25V	2	
C3505	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3506	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C3507	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3509-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C3516-18	EEVHB1C470	E 47UF, 16V	3	
C3520	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3521	EEVHB1C470	E 47UF, 16V	1	
C3523	EEVHB1C470	E 47UF, 16V	1	
C3524	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3529-31	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C3533,34	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3542	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3544	EEVHB1C470	E 47UF, 16V	1	
C3550	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3551	EEVHB1C470	E 47UF, 16V	1	
C3561,62	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3591,92	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3593	ECJ2VF1E104Z	C 0.1UF, Z, 25V	1	
C3594,95	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3700	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3701	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3702	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3703	EEVHB1C470	E 47UF, 16V	1	
C3704	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3706	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3708	EEVHB0G221	E 220UF, 4V	1	
C3709	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3710-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C3714	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3715	EEVHB0G221	E 220UF, 4V	1	
C3716	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3717,18	EEVHB1C470	E 47UF, 16V	2	
C3723	EEVHB1C470	E 47UF, 16V	1	
C3726	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3727,28	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3729	ECJ2XB1H471K	C 470PF, K, 50V	1	
C3801	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3802	EEVHB1C470	E 47UF, 16V	1	
C3803	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3804	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3805	ECJ1XC1H220J	C 22PF, J, 50V	1	
C3806	ECJ1XC1H680J	C 68PF, J, 50V	1	
C3808	EEVHP1E220	E 22UF, 25V	1	
C3809	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3810	EEVHB0J220	E 22UF 6.3V	1	EEVHB0J220R
C3812	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3815	EEVHB1C470	E 47UF, 16V	1	
C3816	EEVHP1E100	E 10UF, 25V	1	
C3817	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3818	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3819	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3820	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3821	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3823	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3824,25	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3828,29	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3830,31	ECJ1XC1H180J	C 18PF, J, 50V	2	
C3832-34	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3835	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3836-38	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3840	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3841	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3842	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3843	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3844	EEVHB0J152	E 1500UF, 6.3V	1	
C3845,46	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3848-50	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3852,53	ECJ2VF1C105Z	C 1UF, Z, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3854	ECJ1VC1H080C	C 8PF, C, 50V	1	
C3855-57	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3858	EEVHB0G221	E 220UF, 4V	1	
C3859,60	EEVHB0J152	E 1500UF, 6.3V	2	
C3861	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3862	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3863	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3864	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3865	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3866	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3867	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3868	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3869	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3870,71	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3872	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3873	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3874	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3875	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3876	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3877	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3878-83	ECJ2VF1C105Z	C 1UF, Z, 16V	6	
C3884	ECJ1VB1H153K	C 0.15UF, K, 50V	1	
C3885	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3886	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3887	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3888	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3889	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3890	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3891,92	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3893	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3894	EEVHB0G221	E 220UF, 4V	1	
C3896	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3897	ECJ1XC1H680J	C 68PF, J, 50V	1	
C3898	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3899	ECJ1XC1H330J	C 33PF, J, 50V	1	
C4518	ECJ1VB1H152K	C 1500PF, K, 50V	1	
C4551	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C6401-08	TCUY1C105ZFN	C 1UF, 16V	8	F1J1C1050006
C6411	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6412	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6417	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6421	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6422	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6427	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6429	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6431	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6433	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6452	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6453	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6454	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6455	EEUFC1E221	E 220UF, 25V	1	
C6456	ECA2CM101	E 100UF, 160V	1	
C6457	EEUFC1E221	E 220UF, 25V	1	
C6458	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	EEUFC1E221	E 220UF, 25V	1	
C6462,63	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6464,65	ECA2CHG2R2	E 2.2UF, 160V	2	
C6472	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2AHG470	E 47UF, 100V	1	
C6481-88	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6490,91	ECJ3XK2J102K	C 1000PF, K,630V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6492	ECA2VHG100	E 10UF, 350V	1	
C6493	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6501-08	TCUY1C105ZFN	C 1UF, 16V	8	F1J1C1050006
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6511,12	ECJ3YB1E105K	C 1UF, K, 25V	2	
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6522	EEUFC1E470	E 47UF, 25V	1	
C6524,25	ECJ3FC2D102J	C 1000PF, J,200V	2	
C6526	ECA2EHG4R7	E 4.7UF, 250V	1	
C6529	ECJ3XK2J102K	C 1000PF, K,630V	1	
C6534	ECJ3XK2J102K	C 1000PF, K,630V	1	
C6540	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6541,42	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6543,44	ECJ3FC2D102J	C 1000PF, J,200V	2	
C6545	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6546	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6547	ECJ3FC2D102J	C 1000PF, J,200V	1	
C6550	ECA2AHG470	E 47UF, 100V	1	
C6571,72	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6574-78	TCUY1C105ZFN	C 1UF, 16V	5	F1J1C1050006
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6584	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6585	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6598	ECA2CHG220	E 22UF, 160V	1	
C6601-04	F2A2D1510004	E 150UF, 200V	4	
C6607	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6608	EEUFC1E471	E 470UF, 25V	1	
C6611-18	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6621-28	ECQE2105RKB	P 1UF, 250V	8	
C6631,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6633	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6634,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6636	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6637	EEUFC1E121	E 120UF, 25V	1	
C6638	ECWU1224KC9	P 0.22UF, 100V	1	
C6639	F2A2D1510004	E 150UF, 200V	1	
C6642	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6644	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6645	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6646	EEUFC1E121	E 120UF, 25V	1	
C6647	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6655,56	EEUFC1A101	E 100UF, 10V	2	
C6660-77	ECJ3XK2J102K	C 1000PF, K,630V	18	
C6695,96	ECJ3XK2J102K	C 1000PF, K,630V	2	
C6701-04	F2A2D1510004	E 150UF, 200V	4	
C6707,08	EEUED2C470	E 47UF, 160V	2	
C6711-18	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6721-28	ECQE2105RKB	P 1UF, 250V	8	
C6731,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6733	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6734,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6736	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6738	ECWU1224KC9	P 0.22UF, 100V	1	
C6739	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6740	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6741,42	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6744	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6745,46	ECJ3YB1E105K	C 1UF, K, 25V	2	
C6747	F2A2D1510004	E 150UF, 200V	1	
C6748	EEUFC1E221	E 220UF, 25V	1	
C6749	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6750,51	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6753,54	EEUFC1E221	E 220UF, 25V	2	
C6755	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6756	EEUFC1A101	E 100UF, 10V	1	
C6760,61	ECJ3XK2J102K	C 1000PF, K,630V	2	
C6771-78	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6781	ECJ3XK2J102K	C 1000PF, K,630V	1	
C6786	ECJ3XK2J102K	C 1000PF, K,630V	1	
C7101	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7102	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7104-06	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7107	F1K2A1040004	C 0.1UF, 100V	1	
C7113	F1K2A1040004	C 0.1UF, 100V	1	
C7115	F1K2A1040004	C 0.1UF, 100V	1	
C7117	F1K2A1040004	C 0.1UF, 100V	1	
C7131	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7132-34	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C7201	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7202	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7203-06	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C7207	F1K2A1040004	C 0.1UF, 100V	1	
C7210	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7211	F1K2A1040004	C 0.1UF, 100V	1	
C7213	F1K2A1040004	C 0.1UF, 100V	1	
C7215	F1K2A1040004	C 0.1UF, 100V	1	
C7217	F1K2A1040004	C 0.1UF, 100V	1	
C8001	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8002	EEVHP1E220	E 22UF, 25V	1	
C8003	ECJ1VB1H471K	C 470PF, K, 50V	1	
C8005	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8007	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8008	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8009	TCUY1C475ZFM	C 4.7UF, 16V	1	F1K1C4750018
C8010	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C8011	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8012	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C8013	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C8014,15	ECJ1VB1H103K	C 0.01UF, K, 50V	2	
C8016	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8017	EEVHB1C470	E 47UF, 16V	1	
C8018	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8019	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C8020	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8021	ECJ2XC1H222J	C 2200PF, J, 50V	1	
C9000,01	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9002	EEVHB1C470	E 47UF, 16V	1	
C9003	EEVHB0G221	E 220UF, 4V	1	
C9004	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9005	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9008-10	EEVHP1E220	E 22UF, 25V	3	
C9011	EEVHB1C470	E 47UF, 16V	1	
C9012	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9014	ECJ3VB1C104K	C 0.1PF, K,500V	1	
C9015	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9016	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9017-19	ECJ1XC1H030C	C 3PF, C, 50V	3	
C9021-24	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9025,26	ECJ2VB1E473K	C 0.047UF, K, 25V	2	
C9027	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9028	ECJ2VB1E473K	C 0.047UF, K, 25V	1	
C9031	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9032,33	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9034	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9036	ECJ3VB1C104K	C 0.1PF, K,500V	1	
C9037-39	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9040	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C9041	ECJ1VB1H392K	C 3900PF, K, 50V	1	
C9042	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9045	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9048,49	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9054	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9202	EEVHB0J330	E 33UF, 6.3V	1	
C9203	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9204-06	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9208-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9213	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9215	ECJ3VB1C104K	C 0.1PF, K,500V	1	
C9216	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9217	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9218-20	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9225,26	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9229	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9236,37	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9243-46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9255	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9256	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9258-60	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9261	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9262	ECUX1H822JCM	C 8200PF, K, 50V	1	ECJ3YC1H822J
C9263	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C9264	ECJ2VB1E563K	C 0.056UF, K, 25V	1	
C9265	ECJ3VB1C104K	C 0.1PF, K,500V	1	
C9266	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9267	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9268	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9269	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9300	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9302	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9304,05	EEVHB0G221	E 220UF, 4V	2	
C9306-08	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C9310	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9312	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9314	EEVHB0G221	E 220UF, 4V	1	
C9315	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9316	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9317	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9318	ECJ3VB1C104K	C 0.1PF, K,500V	1	
C9319	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9320	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9321	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9353	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9354	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9355	EEVHB1C470	E 47UF, 16V	1	
C9356	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9357	EEVHB1C470	E 47UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9358	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9361-66	ECJ1XC1H101J	C 100PF, J, 50V	6	
C9367	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9368	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9369,70	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9371	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9372	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9373	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9374	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9375	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9377,78	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9379,80	ECJ1XC1H100D	C 10PF, D, 50V	2	
C9381	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9382	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9383	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9385	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9387,88	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9390,91	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9392	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9393	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9400	EECS5R5V155	E 1.5UF, 5.5V	1	
C9401	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9402,03	ECJ1XC1H150J	C 15PF, J, 50V	2	
C9450	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9451	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9452,53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9454	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9455-60	ECJ1XF1C104Z	C 0.1UF, Z, 16V	6	
C9464	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9465	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9466,67	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9468	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9469	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9470	ECJ3VB1C104K	C 0.1PF, K,500V	1	
C9472	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9501,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9503	EEVHB1C470	E 47UF, 16V	1	
C9504	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9505	EEVHB1C470	E 47UF, 16V	1	
C9506	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9507	F2G0J1010021	E 100UF 6.3V	1	
C9509,10	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9551	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9552,53	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C9554	F2G0J1010021	E 100UF 6.3V	1	
C9555,56	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C9557,58	F2G1C4700030	E 47UF, 16V	2	
C9559	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9560	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C9561,62	F2G1C4700030	E 47UF, 16V	2	
C9563	F2G0J1010021	E 100UF 6.3V	1	
C9564	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9565	EEVHB0G221	E 220UF, 4V	1	
C9566	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9567	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9570	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9572	EEVHB0G221	E 220UF, 4V	1	
C9573	F2G0J1010021	E 100UF 6.3V	1	
C9574	EEVHB1C470	E 47UF, 16V	1	
C9575,76	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9577	F2G0J1010021	E 100UF 6.3V	1	
C9578	ECJ2XC1H222J	C 2200PF, J, 50V	1	
C9579	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9601	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9602	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9603-07	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9608	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9610	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9611-16	ECJ1XF1C104Z	C 0.1UF, Z, 16V	6	
C9619	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9620-24	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9625	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9627,28	ECJ1XC1H100D	C 10PF, D, 50V	2	
C9629	ECJ1XC1H331J	C 330PF, J, 50V	1	
C9630	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9631	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9632	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9633,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9635	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9701	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9702-05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9706	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9707-10	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9713	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9715	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9716	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9717	ECJ3VB1C104K	C 0.1PF, K,500V	1	
C9718,19	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9720	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9721,22	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9723	ECJ1XC1H471J	C 470PF, J, 50V	1	
C9724,25	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9726-28	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9730	EEVHB1C470	E 47UF, 16V	1	
C9731	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9732	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9801-03	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9805-22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	18	
C9826	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9827	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9828	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9829	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9901,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9903	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9904,05	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9910	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C9911	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9912	EEVHB1C470	E 47UF, 16V	1	
C9913	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9914	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C9915	ECJ1VB1C563K	C 0.056UF, K, 16V	1	
C9916	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9918	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9923	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C9925	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9926	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
CB1-B7	K1MN80B00004	80P CONNECTOR	7	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D1	K1KA50B00064	50P CONNECTOR	1	
D2,D3	K1KA40B00076	40P CONNECTOR	2	
D4	K1KA12B00066	CONNECTOR	1	
D10	K1KA04A00199	CONNECTOR	1	
D12,13	K1KA50A00125	CONNECTOR	2	
D16	K1KA10A00317	10P CONNECTOR	1	
D17	K1KA08A00293	8P CONNECTOR	1	
D20	K1KA08A00232	8P CONNECTOR	1	
D21	K1KA11A00078	11P CONNECTOR	1	
D22,23	K1KA50A00125	CONNECTOR	2	
D25	K1KA11A00102	11P CONNECTOR	1	
D26	K1KA10A00317	10P CONNECTOR	1	
D27	K1KA09A00077	9P CONNECTOR	1	
D31,32	K1MN80B00002	CONNECTOR	2	
D081	LNJ107W5PRW	LED	1	
D082	MA8056M	ZENER DIODE	1	MAZ80560M
D501	TVSRG2A	DIODE	1	B0EAKR000024
D502	D15XB60	DIODE	1	⚠
D503	TMPG10G3	DIODE	1	B0BA01000046
D504,05	ERA22-04	DIODE	2	B0HAGP000001
D506	B0BA02700021	DIODE	1	
D508	ERA22-04	DIODE	1	B0HAGP000001
D509	TMPG10G3	DIODE	1	B0BA01000046
D510-12	ERA22-04	DIODE	3	B0HAGP000001
D513	B0BA02700021	DIODE	1	
D514	S1WBA80	DIODE	1	B0EBKT000003 ⚠
D515	D1NL40V70	DIODE	1	B0HALP000002
D516	MA4082L	ZENER DIODE	1	MAZ40820L
D517-19	PC123FY2	PHOTO COUPLER	3	B3PAA0000012 ⚠
D601	MA165	DIODE	1	MA2C165
D602	ERA22-04	DIODE	1	B0HAGP000001
D603	FMLG16S	DIODE	1	B0HARR000008
D604	MA4056H	ZENER DIODE	1	MAZ40560H
D605	ERA22-04	DIODE	1	B0HAGP000001
D606	MA4039H	ZENER DIODE	1	MAZ40390H
D607-10	ERA22-04	DIODE	4	B0HAGP000001
D611	MA4047H	ZENER DIODE	1	MAZ40470H
D612	MA4056M	ZENER DIODE	1	MAZ40560M
D614,15	ERC91-02	DIODE	2	B0HAPM000003
D617	FML-G12S	DIODE	1	
D618,19	MA165	DIODE	2	MA2C165
D620	AK04	DIODE	1	B0JAMC000003
D621	ERC91-02	DIODE	1	B0HAPM000003
D622	D1NL40V70	DIODE	1	B0HALP000002
D623,24	MA167	DIODE	2	MA2C167
D625	MA700A	DIODE	1	MA2C700A
D626,27	MA167	DIODE	2	MA2C167
D628	EU02	DIODE	1	
D629	ERA22-04	DIODE	1	B0HAGP000001
D630	ERA15-02	DIODE	1	B0EAKM000016
D631	MA4056M	ZENER DIODE	1	MAZ40560M
D632	EU02	DIODE	1	
D633	MA4051M	ZENER DIODE	1	MAZ40510M
D634,35	MA165	DIODE	2	MA2C165
D900	ERZV10V621P2	VARISTOR	1	⚠
D2301-04	M1FS4	DIODE	4	B0JCME000025
D2305,06	RU4AM	DIODE	2	
D2307	MA111	DIODE	1	MA2J111
D2308	MA152	DIODE	1	
D2316	M1FS4	DIODE	1	B0JCME000025
D3001	MA111	DIODE	1	MA2J111
D3002	M1FS4	DIODE	1	
D3351,52	MA153	DIODE	2	MA3X153
D3501-04	MA3056M	ZENER DIODE	4	MAZ30560M
D3505,06	MA153	DIODE	2	MA3X153
D3507	MA111	DIODE	1	MA2J111
D6401-03	MA8056H	ZENER DIODE	3	MAZ80560H
D6405	D1FL40F4063	DIODE	1	B0ECHP000001
D6406,07	MA8056H	ZENER DIODE	2	MAZ80560H
D6409-12	D1FL40F4063	DIODE	4	B0ECHP000001
D6452,53	MA111	DIODE	2	MA2J111
D6454	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6455	MA111	DIODE	1	MA2J111
D6456	D1FL40F4063	DIODE	1	B0ECHP000001
D6457	M1FL20UF4063	DIODE	1	B0HCMM000009
D6458	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6459	MA111	DIODE	1	MA2J111
D6460,61	B0HCKS000001	DIODE	2	
D6465,66	MA8330M	ZENER DIODE	2	MAZ83300M
D6467	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6468	MA111	DIODE	1	MA2J111
D6469	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6470	MA111	DIODE	1	MA2J111
D6472,73	MA111	DIODE	2	MA2J111
D6474	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6475	MA111	DIODE	1	MA2J111
D6476	D1FL40F4063	DIODE	1	B0ECHP000001
D6477	MA8051L	ZENER DIODE	1	MAZ80510LL
D6478	B0HCKS000001	DIODE	1	
D6479	MA111	DIODE	1	MA2J111
D6480	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6481,82	MA8330M	ZENER DIODE	2	MAZ83300M
D6491,92	D1FL40F4063	DIODE	2	B0ECHP000001
D6495	B0HCKS000001	DIODE	1	
D6501-08	K7GBZEE00002	PHOTO COUPLER	8	
D6509	MA111	DIODE	1	MA2J111
D6511	M1FL20UF4063	DIODE	1	B0HCMM000009
D6512-14	MA111	DIODE	3	MA2J111
D6521	D1FL40F4063	DIODE	1	B0ECHP000001
D6522	MA111	DIODE	1	MA2J111
D6523	D1FL40F4063	DIODE	1	B0ECHP000001
D6524	MA8051L	ZENER DIODE	1	MAZ80510LL
D6525	MA111	DIODE	1	MA2J111
D6526	M1FL20UF4063	DIODE	1	B0HCMM000009
D6527	MA111	DIODE	1	MA2J111
D6531	MA8051L	ZENER DIODE	1	MAZ80510LL
D6541	B0HCKS000001	DIODE	1	
D6542	MA111	DIODE	1	MA2J111
D6543	MA8051L	ZENER DIODE	1	MAZ80510LL
D6544	MA111	DIODE	1	MA2J111
D6545	MA8051L	ZENER DIODE	1	MAZ80510LL
D6546-48	MA8330M	ZENER DIODE	3	MAZ83300M
D6549,50	MA111	DIODE	2	MA2J111
D6551,52	MA8051L	ZENER DIODE	2	MAZ80510LL
D6553	MA111	DIODE	1	MA2J111
D6570	M1FL20UF4063	DIODE	1	B0HCMM000009
D6572	D1FL40F4063	DIODE	1	B0ECHP000001
D6582	MA8051L	ZENER DIODE	1	MAZ80510LL
D6583	LNJ201LPQJA	LED	1	
D6584	MA111	DIODE	1	MA2J111
D6585,86	MA8330M	ZENER DIODE	2	MAZ83300M
D6611	M1FS4	DIODE	1	B0JCME000025
D6615	D1FL40F4063	DIODE	1	B0ECHP000001
D6620-22	SF20LC30F10	DIODE	3	
D6624	SF20LC30F10	DIODE	1	
D6629	B0HBSM000031	DIODE	1	
D6635	MA8051L	ZENER DIODE	1	MAZ80510LL
D6636	MA111	DIODE	1	MA2J111

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6637	D1FL40F4063	DIODE	1	B0ECHP000001
D6640	D1FL40F4063	DIODE	1	B0ECHP000001
D6641,42	M1FS4	DIODE	2	B0JCME000025
D6645-47	D1FL40F4063	DIODE	3	B0ECHP000001
D6711	M1FS4	DIODE	1	B0JCME000025
D6715	D1FL40F4063	DIODE	1	B0ECHP000001
D6720-22	SF20LC30F10	DIODE	3	
D6724	SF20LC30F10	DIODE	1	
D6729	B0HBSM000031	DIODE	1	
D6735	MA8051L	ZENER DIODE	1	MAZ80510LL
D6736	MA111	DIODE	1	MA2J111
D6737	D1FL40F4063	DIODE	1	B0ECHP000001
D6740,41	D1FL40F4063	DIODE	2	B0ECHP000001
D6750,51	D1FL40F4063	DIODE	2	B0ECHP000001
D6752,53	M1FS4	DIODE	2	B0JCME000025
D6754	D1FL40F4063	DIODE	1	B0ECHP000001
D6755	M1FS4	DIODE	1	B0JCME000025
D6757	D1FL40F4063	DIODE	1	B0ECHP000001
D6760	MA111	DIODE	1	MA2J111
D6761	MA8051L	ZENER DIODE	1	MAZ80510LL
D6763	MA8051L	ZENER DIODE	1	MAZ80510LL
D6764	MA111	DIODE	1	MA2J111
D6765	LNJ201LPQJA	LED	1	
D6766,67	MA8330M	ZENER DIODE	2	MAZ83300M
D6768	MA111	DIODE	1	MA2J111
D6769	LNJ201LPQJA	LED	1	
D6770	MA111	DIODE	1	MA2J111
D8001,02	MA111	DIODE	2	MA2J111
D9000	MA3036H	ZENER DIODE	1	MAZ30360H
D9001-09	MA3062M	ZENER DIODE	9	MAZ30620M
D9351	MA152K	DIODE	1	MA3X152K
D9352,53	MA3062M	ZENER DIODE	2	MAZ30620M
D9356	MA111	DIODE	1	MA2J111
D9550	B0JCPD000010	DIODE	1	
D9551	MA113	DIODE	1	MA2J113
D9552	M1FS4	DIODE	1	
D9553	MA152K	DIODE	1	MA3X152K
D9554	MA111	DIODE	1	MA2J111
D9902	MA152K	DIODE	1	MA3X152K
F900-1	EYF-52BC	FUSE HOLDER	1	
F1	TJS3A9630	CONNECTOR	1	K1KA03A00183
F900-2	EYF-52BC	FUSE HOLDER	1	
F9	TJS3A9630	CONNECTOR	1	K1KA03A00183
F901-1,-2	EYF-52BC	FUSE HOLDER	2	
H1	K1KB50B00030	50P CONNECTOR	1	
H2	K1KB40B00015	40P CONNECTOR	1	
H37	TJS3A9640	3P CONNECTOR	1	K1KA03A00171
HX1	K1KB40B00015	40P CONNECTOR	1	
IC081	B3L000000020	IC	1	
IC501	STRF6629B	IC	1	C0DAAMH00002
IC502	STRF6656LF53	LINEAR IC	1	C5HABZZ00014
IC503	MIP0210SY1TV	IC (LOGIC)	1	
IC504	AN7718F	LINEAR IC	1	
IC601	AN6912	LINEAR IC	1	
IC602	AN1431T	LINEAR IC	1	
IC603	C0DAAHG00007	IC	1	
IC604	PQ30RV21A	LINEAR IC	1	C0DAEZH00008
IC605,06	AN1431T	LINEAR IC	2	
IC607	AN7705F	LINEAR IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC2301,02	TDA7480	LINEAR IC	2	C1AA00000561
IC2304	PQ09SZ1T	IC	1	C0CBAHG00005
IC3502	TVRJ598-1	ROM IC	1	
IC3699	TVRJ642-2	ROM IC	1	(HZ)
IC3699	TVRJ784-2	ROM IC	1	(HY)
IC3801	MM1065ZMR	LINEAR IC	1	C0CBABB00029
IC3802	C0EBE0000066	IC	1	
IC3803	TVSA0500	IC	1	C3ABMG000074
IC3804	C1AB00001494	IC	1	
IC3805,06	MM1065ZMR	LINEAR IC	2	C0CBABB00029
IC3809	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC6471	AN1431M	LINEAR IC	1	
IC6605,06	TC74HC244AF	IC	2	
IC6701-03	C0ZBZ0000138	IC	3	
IC6704	C0ZBZ0000561	IC	1	
IC6705	NJM2903M	INTEGRATED CIRCUIT	1	C0BBBA000019
IC6706	TC74HC244AF	IC	1	
IC6711	AN1431M	LINEAR IC	1	
IC7101	C0JBAZ000005	IC	1	
IC7201	C0JBAZ000005	IC	1	
IC8001	M52346SP	LINEAR IC	1	C1AA00000395
IC8002	TC74HC14AF	IC	1	C0JBAB000155
IC9000	PQ09SZ1T	IC	1	C0CBAHG00005
IC9001	C0CBCBD00005	IC	1	
IC9002-04	C0ABHA000033	IC	3	
IC9006	C0CBCBD00005	IC	1	
IC9007	C0FBAD000069	IC	1	
IC9200	MN84504	MOS IC	1	
IC9203	C0CBCBD00005	IC	1	
IC9206	C0JBAZ000855	IC	1	
IC9210	C3ABPJ000017	IC	1	
IC9212	TLC2933IPWL	INTEGRATED CIRCUIT	1	C0ABFA000012
IC9213	C0CBCBD00005	IC	1	
IC9300	C0ZBZ0000551	IC	1	
IC9301	C0CBCBD00005	IC	1	
IC9351	MN102L230	IC	1	
IC9353	HM538123BJ8Z	IC	1	C3HAHC000006
IC9354	TVRJ799-1	ROM IC	1	
IC9355	TVRJ858	ROM IC	1	
IC9356	C0JBAZ001201	IC	1	
IC9357	C1DB00000274	IC	1	
IC9450S	TJSB01108	IC SOCKET	1	
IC9450	TVRJ709	ROM IC	1	
IC9451	C1ZBZ0001996	IC	1	
IC9452	TC74HCU04AF	MOS IC (CMOS S/LOGIC)	1	C0JBAB000159
IC9453	C0EBE0000066	IC	1	
IC9455	C0CBCAD00007	IC	1	
IC9550	C0DBAZH00008	IC	1	
IC9551	C0DBAMH00006	IC	1	
IC9552	C0DBEZG00004	IC	1	
IC9553	C0JBAZ001604	IC	1	
IC9554	JLC1562BF	MOS IC (MICON LSI)	1	C0JBAZ001265
IC9601	MN84505	MOS IC	1	
IC9602	C3ABPJ000043	IC	1	
IC9603	TVRJ741-1	ROM IC	1	
IC9604	C0ZBZ0000423	IC	1	
IC9612	C0JBAZ000855	IC	1	
IC9700S	TJSB01108	IC SOCKET	1	
IC9700	TVRJ742-1	ROM IC	1	
IC9701	C1ZBZ0001996	IC	1	
IC9702	PST9128NR	IC	1	C0EBE0000066
IC9703	C0CBCAD00007	IC	1	
IC9704	C0ZBZ0000423	IC	1	
IC9710-12	C0JBAZ001604	IC	3	
IC9801	C0JBAZ001604	IC	1	
IC9802,03	C0JBAZ000005	IC	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9805-22	TC74LCX574F	MOS IC (CMOS S/LOGIC)	18	C0JBAF000218
IC9900	C2BBFE000121	IC	1	
IC9902	M51957BFP	LINEAR IC	1	C0EBB0000024
JK3300	K2HA204B0097	JACK	1	(HY)
JK3301	K1CB106B0027	CONNECTOR	1	
JK3302	K10BB2AB0005	CONNECTOR	1	(HY)
JK3303	K2HA204B0097	JACK	1	(HY)
JK3304	K10BB5AB0003	CONNECTOR	1	(HY)
JK3305	K2HA306B0048	JACK	1	(HZ)
JK3306	K2HA306B0049	JACK	1	(HZ)
JK3307	K2HA204B0097	JACK	1	(HZ)
JK3308	K2HA204B0096	JACK	1	(HZ)
JK3509	K1FB109B0058	CONNECTOR	1	
JK3511	TJS8A9880	CONNECTOR	1	K1FB115B0034
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	1	
JS24	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS28-32	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
JS35	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2301	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
JS8019	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L501	ELF11M010E	LINE FILTER	1	⚠
L502	ETQR45T020A	CHOKE TRANS	1	⚠
L503	ELEXT100KA	PEAKING COIL	1	
L601,02	TALL08N470KA	INDUCTION COIL	2	G0A470GA0011
L603	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L604	EXCELSA39	BEAD CHOKE	1	
L605-07	EXCELDR35C	BEAD CHOKE	3	
L608	EXCELSA39	BEAD CHOKE	1	
L609-11	EXCELDR35C	BEAD CHOKE	3	
L612	TALFP15B221K	INDUCTION COIL	1	
L613-16	EXCELDR35C	BEAD CHOKE	4	
L902,03	G0B123K00001	CHOKE COIL	2	⚠
L2301,02	G0ZZ00002023	COIL	2	
L2303,04	EXCELDR35C	BEAD CHOKE	2	
L2306	ELJPA100KB	CHIP INDUCTOR	1	
L3001-03	ELJPA100KB	CHIP INDUCTOR	3	
L3007,08	ELJPA100KB	CHIP INDUCTOR	2	
L3301	TLK20LFA223M	EMI FILTER	1	J0HABB000003
L3302,03	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3304,05	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3306,07	ELJPA100KB	CHIP INDUCTOR	2	
L3351,52	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3353-55	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3356,57	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3358,59	ELJPA100KB	CHIP INDUCTOR	2	
L3501	ELJPA100KB	CHIP INDUCTOR	1	
L3507-09	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3510-13	TLK212T256AL	EMI FILTER	4	J0HAAB000012
L3525,26	ELJPA100KB	CHIP INDUCTOR	2	
L3530	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	
L3801,02	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3803	G1C100KA0008	INDUCTOR COIL	1	
L3804	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
L3806	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L3807	TALC168T2R2K	CHIP INDUCTOR COIL	1	G1C2R2K00006
L3808	G1C100KA0008	INDUCTOR COIL	1	
L3809	TALC325T4R7M	CHIP INDUCTOR COIL	1	
L3810,11	G1C100KA0008	INDUCTOR COIL	2	
L3813	TALC168T4R7K	CHIP INDUCTOR COIL	1	G1C4R7K00013
L3814-16	G1C100KA0008	INDUCTOR COIL	3	
L3817-19	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3820,21	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3822-25	ELKE103FA	NOISE FILTER	4	
L3826,27	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3828,29	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3830	ELJPA100KB	CHIP INDUCTOR	1	
L4551	ELJPA100KB	CHIP INDUCTOR	1	
L6451,52	J0JJC0000021	CHIP INDUCTOR	2	
L6471	J0JJC0000021	CHIP INDUCTOR	1	
L6472	TSKA158	BEAD CORE	1	G0ZZ00001935
L6602	TSKA158	BEAD CORE	1	G0ZZ00001935
L6604,05	TSKA158	BEAD CORE	2	G0ZZ00001935
L6611,12	ELC16BR82L	CHOKE COIL	2	
L6615,16	ELC16BR82L	CHOKE COIL	2	
L6618	J0JJC0000021	CHIP INDUCTOR	1	
L6620-23	TSKA158	BEAD CORE	4	G0ZZ00001935
L6626,27	TSKA158	BEAD CORE	2	G0ZZ00001935
L6636,37	TSKA158	BEAD CORE	2	G0ZZ00001935
L6644,45	TSKA158	BEAD CORE	2	G0ZZ00001935
L6647,48	J0JJC0000021	CHIP INDUCTOR	2	
L6702-04	TSKA158	BEAD CORE	3	G0ZZ00001935
L6705	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L6711	ELC16BR82L	CHOKE COIL	1	
L6713,14	ELC16BR82L	CHOKE COIL	2	
L6716	ELC16BR82L	CHOKE COIL	1	
L6718	J0JJC0000021	CHIP INDUCTOR	1	
L6720-23	TSKA158	BEAD CORE	4	G0ZZ00001935
L6726,27	TSKA158	BEAD CORE	2	G0ZZ00001935
L6736,37	TSKA158	BEAD CORE	2	G0ZZ00001935
L6744,45	TSKA158	BEAD CORE	2	G0ZZ00001935
L6747	J0JJC0000021	CHIP INDUCTOR	1	
L6750	TSKA158	BEAD CORE	1	G0ZZ00001935
L7101-03	J0JJC0000021	CHIP INDUCTOR	3	
L7105	J0JJC0000021	CHIP INDUCTOR	1	
L7201-05	J0JJC0000021	CHIP INDUCTOR	5	
L8001,02	ELJPA100KB	CHIP INDUCTOR	2	
L8501,02	TLPD061	LINE FILTER	2	G0A2R5H00003
L9001-04	ELKE103FA	NOISE FILTER	4	
L9005-10	EXCCL3225U1	EMI FILTER	6	
L9200,01	EXCCL3225U1	EMI FILTER	2	
L9300	EXCCL3225U1	EMI FILTER	1	
L9350	ELJPA100KB	CHIP INDUCTOR	1	
L9450	EXCCL3225U1	EMI FILTER	1	
L9451	ELJPA150KF	CHIP INDUCTOR	1	
L9551	G1C220M00029	INDUCTOR COIL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L9552	G1C470M00012	INDUCTOR COIL	1	
L9553	EXCCL3225U1	EMI FILTER	1	
L9601	ELJFA1R0KF	CHIP COIL	1	
L9701	EXCCL3225U1	EMI FILTER	1	
L9801	EXCCL3225U1	EMI FILTER	1	
L9803	EXCCL3225U1	EMI FILTER	1	
L9805-08	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
LC9000-02	J0E3505B0002	LCR FILTER	3	
LC9003	ELKE103FA	NOISE FILTER	1	
LC9006	ELKE103FA	NOISE FILTER	1	
LC9300-02	ELKE103FA	NOISE FILTER	3	
LC9501-05	ELKE103FA	NOISE FILTER	5	
LC9507,08	ELKE103FA	NOISE FILTER	2	
LC9801-03	ELKE103FA	NOISE FILTER	3	
LC9901	ELKE103FA	NOISE FILTER	1	
P1	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
P2	TJS3A9670	6P CONNECTOR	1	K1KA06A00179
P6	K1KA07A00056	7P CONNECTOR	1	
P9	TJS3A9630	CONNECTOR	1	K1KA03A00183
P10	TJS1A8810	5P CONNECTOR	1	K1KA05A00177
P12	K1KA05A00139	5P CONNECTOR	1	
P23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
P25	TJS1A8870	11P CONNECTOR	1	K1KA11A00073
P27	TJS1A8850	9P CONNECTOR	1	K1KA09A00099
Q082	2SD601A	TRANSISTOR	1	2SD0601A
Q601	2SA1309A	TRANSISTOR	1	2SA13090WA
Q602	B1DEGQ000019	500V 20A	1	
Q603	2SC3311A	TRANSISTOR	1	2SC3311AW
Q604	2SB621A	TRANSISTOR	1	2SB0621AW
Q605-08	2SC3311A	TRANSISTOR	4	2SC3311AW
Q2301-03	2SD601A	TRANSISTOR	3	2SD0601A
Q2305,06	2SD601A	TRANSISTOR	2	2SD0601A
Q2406	2SD601A	TRANSISTOR	1	2SD0601A
Q2408	2SD601A	TRANSISTOR	1	2SD0601A
Q2410	2SD601A	TRANSISTOR	1	2SD0601A
Q3013,14	2SD601A	TRANSISTOR	2	2SD0601A
Q3085,86	2SB709A	TRANSISTOR	2	2SB0709A
Q3301-09	2SD601A	TRANSISTOR	9	2SD0601A
Q3351,52	2SD601A	TRANSISTOR	2	2SD0601A
Q3353	2SB709A	TRANSISTOR	1	2SB0709A
Q3354-58	2SD601A	TRANSISTOR	5	2SD0601A
Q3359	2SB709A	TRANSISTOR	1	2SB0709A
Q3501-03	2SD601A	TRANSISTOR	3	2SD0601A
Q3507	2SB709A	TRANSISTOR	1	2SB0709A (HX) (HZ)
Q3507	2SD601A	TRANSISTOR	1	2SD0601A (HX)
Q3508	2SB709A	TRANSISTOR	1	2SB0709A (HX) (HZ)
Q3508	2SD601A	TRANSISTOR	1	2SD0601A (HX)
Q3509	2SB709A	TRANSISTOR	1	2SB0709A (HY) (HZ)
Q3509	2SD601A	TRANSISTOR	1	2SD0601A (HX)
Q3513	2SD601A	TRANSISTOR	1	2SD0601A
Q3514	2SB709A	TRANSISTOR	1	2SB0709A
Q3515	2SD601A	TRANSISTOR	1	2SD0601A
Q3516	2SB709A	TRANSISTOR	1	2SB0709A
Q3531,32	2SD601A	TRANSISTOR	2	2SD0601A
Q3801,02	2SB709A	TRANSISTOR	2	2SB0709A
Q3803,04	2SD601A	TRANSISTOR	2	2SD0601A
Q3805-07	2SB709A	TRANSISTOR	3	2SB0709A
Q3808	2SD601A	TRANSISTOR	1	2SD0601A
Q3809	2SK198R	FET	1	2SK01980R
Q3810	2SD601A	TRANSISTOR	1	2SD0601A
Q3812,13	2SB709A	TRANSISTOR	2	2SB0709A
Q3815	2SB709A	TRANSISTOR	1	2SB0709A
Q3817	2SB709A	TRANSISTOR	1	2SB0709A
Q6401	2SK620	FET	1	2SK0620
Q6451	B1BBCJ000003	TRANSISTOR	1	
Q6452	2SB709A	TRANSISTOR	1	2SB0709A
Q6453	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6454	2SD814A	TRANSISTOR	1	
Q6471	B1BBCJ000003	TRANSISTOR	1	
Q6472	2SB709A	TRANSISTOR	1	2SB0709A
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	2SD0601A
Q6491,92	2SC1473A	TRANSISTOR	2	2SC1473AE
Q6511,12	B1DFGL000005	TRANSISTOR	2	
Q6520	2SD601A	TRANSISTOR	1	2SD0601A
Q6521	FS7VS14AT11	FET	1	
Q6522-27	2SK2993	FET	6	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542-47	B1DFHM000002	DIODE	6	
Q6550	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6551	2SD601A	TRANSISTOR	1	2SD0601A
Q6552	FS7VS14AT11	FET	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6555	FS7VS14AT11	FET	1	
Q6581	2SD601A	TRANSISTOR	1	2SD0601A
Q6601	2SK3652000VH	TRANSISTOR	1	
Q6605	2SK3652000VH	TRANSISTOR	1	
Q6621	2SK3637000VE	TRANSISTOR	1	
Q6624	2SK3637000VE	TRANSISTOR	1	
Q6641,42	B1DFHM000002	DIODE	2	
Q6671	2SB940A	TRANSISTOR	1	2SB0940AJ
Q6672	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6673	2SD1263A	TRANSISTOR	1	
Q6701	2SK3652000VH	TRANSISTOR	1	
Q6705	2SK3652000VH	TRANSISTOR	1	
Q6721	2SK3637000VE	TRANSISTOR	1	
Q6724	2SK3637000VE	TRANSISTOR	1	
Q6741,42	B1DFHM000002	DIODE	2	
Q6745,46	2SK326800L	FET	2	
Q6751	2SD1264	TRANSISTOR	1	2SD12640J
Q6752,53	2SC1473	TRANSISTOR	2	2SC14730E
Q6755,56	2SD601A	TRANSISTOR	2	2SD0601A
Q7201,02	2SB709A	TRANSISTOR	2	2SB0709A
Q8021	2SD601A	TRANSISTOR	1	2SD0601A
Q9350	2SK620	FET	1	2SK0620
Q9500,02	2SD601A	TRANSISTOR	2	2SD0601A
Q9501	2SK620	FET	1	2SK0620
Q9502	2SD601A	TRANSISTOR	1	2SD0601A (D2)
Q9502	2SK620	FET	1	2SK0620 (D1)
Q9504	2SK620	FET	1	2SK0620
Q9701-03	2SD601A	TRANSISTOR	3	2SD0601A
Q9904	2SD601A	TRANSISTOR	1	2SD0601A
R081	TAJAAH0470JV	M 47 OHM,J,1/16W	1	D0GB470JA006

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R082	ERJ3GEYJ224	M 220KOHM,J,1/16W	1	
R083	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R084	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R088	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R091,92	TAJAAH0470JV	M 47 OHM,J,1/16W	2	D0GB470JA006
R093,94	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R501,02	TARAFR06R8JC	F 6.8 OHM, J, 7W	2	⚠
R503	ERG2FJS223D	M 22KOHM, J, 2W	1	
R504	ER0S2CKF2203	M 220KOHM, F,1/4W	1	
R505	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R506	ERDS2TJ6R8	C 6.8 OHM, J,1/4W	1	
R507	ERDS2TJ561	C 560 OHM, J,1/4W	1	
R508	ER0S2CKF2203	M 220KOHM, F,1/4W	1	
R509	ERDS2TJ6R8	C 6.8 OHM, J,1/4W	1	
R510,11	ERDS2TJ332	C 3.3KOHM, J,1/4W	2	
R512,13	ERDS1FJ681	C 680 OHM, J,1/2W	2	
R514	ERDS2TJ182	C 1.8KOHM, J,1/4W	1	
R515	ERX2FJSR22D	M0.22 OHM, J, 2W	1	
R516	ERX1FJSR22D	M0.22 OHM, J, 1W	1	
R517	ERDS2TJ152	C 1.5KOHM, J,1/4W	1	
R518	ERX1FJSR22D	M0.22 OHM, J, 1W	1	
R519	ERX2FJSR22D	M0.22 OHM, J, 2W	1	
R520	ERDS2TJ152	C 1.5KOHM, J,1/4W	1	
R521	ERX1FJSR22D	M0.22 OHM, J, 1W	1	
R522	ERDS2TJ182	C 1.8KOHM, J,1/4W	1	
R523	ERX1FJSR22D	M0.22 OHM, J, 1W	1	
R524	ERG3FJS473D	M 47KOHM, J, 3W	1	
R525	ERX1FJSR22D	M0.22 OHM, J, 1W	1	
R526	ERG3FJS473D	M 47KOHM, J, 3W	1	
R527	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R529	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R531	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R534	ERG2FJS223D	M 22KOHM, J, 2W	1	
R536	ERDS2TJ680	C 68 OHM, J,1/4W	1	
R601	ER0S2CKF1213	M 121KOHM, F,1/4W	1	
R602	ER0S2CKF1002	M 10KOHM, F,1/4W	1	
R603	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R604	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R605	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R606	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R607,08	ERDS2TJ222	C 2.2KOHM, J,1/4W	2	
R609,10	ER0S2CKF1803	M 180KOHM, F,1/4W	2	
R612	ERDS2TJ273	C 27KOHM, J,1/4W	1	
R613	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R614	ER0S2CKF1002	M 10KOHM, F,1/4W	1	
R615	ER0S2CKF4642	M46.4KOHM, F,1/4W	1	
R616	ER0S2CKF4992	M49.9KOHM, F,1/4W	1	EROS2CKF4992
R617	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R618	ERDS2TJ222	C 2.2KOHM, J,1/4W	1	
R619	ER0S2CKF4992	M49.9KOHM, F,1/4W	1	EROS2CKF4992
R620	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R621	EVMEASA00B54	CONTROL 50KOHMB 0.3W	1	
R622	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R623	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R624	ER0S2CKF2551	M2.55KOHM, F,1/4W	1	EROS2CKF2551
R625,26	ERG2FJS471D	M 470 OHM, J, 2W	2	
R627	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R628	ERDS2TJ680	C 68 OHM, J,1/4W	1	
R629	ERDS1FJ471	C 470 OHM, J,1/2W	1	
R630	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R631	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R632,33	ERDS2TJ682	C 6.8KOHM, J,1/4W	2	
R634	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R635	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R636	ERDS2TJ151	C 150 OHM, J,1/4W	1	
R637	ERDS2TJ682	C 6.8KOHM, J,1/4W	1	
R638	ER0S2CKF1002	M 10KOHM, F,1/4W	1	
R639	ER0S2CKF1501	M1.50KOHM, F,1/4W	1	EROS2CKF1501
R640	ER0S2CKF3741	M3.74KOHM, F,1/4W	1	
R641	ER0S2CKF3830	M 383 OHM, F,1/4W	1	
R642	ER0S2CKF2551	M2.55KOHM, F,1/4W	1	EROS2CKF2551
R643	ER0S2CKF6192	M61.9KOHM, F,1/4W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R644	ERDS2TJ222	C 2.2KOHM, J,1/4W	1	
R645	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R646	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R647	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R648	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R649	ER0S2CKF2551	M2.55KOHM, F,1/4W	1	EROS2CKF2551
R650	ERDS2TJ470	C 47 OHM, J,1/4W	1	
R651	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R652	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R653	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R654	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R656	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R657	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R658	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R659	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R660	ERDS1TJ221	C 220 OHM, J,1/2W	1	
R661	ERDS1TJ391	C 390 OHM, J,1/2W	1	
R662	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R663	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R664	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R665	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R666,67	ERDS1FJ224	C 220KOHM, J,1/2W	2	
R668	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R900,01	ERC12ZGK105	S 1MOHM, K,1/2W	2	⚠
R1554,55	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2301	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2304	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2305,06	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R2309	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2310	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2319,20	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2321	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2322,23	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2324,25	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2326	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2327	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	1	
R2328	ERJ6GEYJ683	M 68KOHM,J,1/10W	1	
R2329,30	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	2	
R2331	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2332	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2333	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2334	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2335,36	ERJ6GEYJ123	M 12KOHM,J,1/10W	2	
R2337,38	ERJ6GEY0R00	M 0 OHM,J,1/10W	2	
R2341	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2343	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2346	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2347	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2348	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2349,50	ERJ6GEY0R00	M 0 OHM,J,1/10W	2	
R2408	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2410	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2431	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2434	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2438	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2439	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2440	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2441	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2445	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2448	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2452	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2453	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2456	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2457	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2460	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R2461,62	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R2463	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R2464	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2466	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R2467	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R2468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2469	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R2470	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2471	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2472	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2473	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2476,77	ERJ6GEYJ220	M 22 OHM,J,1/10W	2	
R2480	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2481,82	ERJ6GEYJ153	M 15KOHM,J,1/10W	2	
R2483	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2484	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3001-04	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R3007	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R3009-15	ERJ3GEYJ560	M 56 OHM,J,1/16W	7	
R3016-21	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3022,23	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R3024-29	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3030,31	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R3032,33	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R3034	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3035	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3036	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3037	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3038	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3039-43	TAJAAH0101JV	M 100 OHM,J,1/16W	5	D0GB101JA006
R3045	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3046	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3047	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3078	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3079	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3087,88	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3101-08	ERJ3GEYJ334	M 330KOHM,J,1/16W	8	D0GB334JA002
R3109	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3301	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3302	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HY)
R3303	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3304,05	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3306	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3308	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3309	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3310	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3311	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3312	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3313	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3314	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3315	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3316-18	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3319-21	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3322	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3323	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3324	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3325-27	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3328-31	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3332,33	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R3334	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3335	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3336	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3337	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3338,39	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3340	ERJ6ENF9310	M 931 OHM, 1/10W	1	
R3341	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3342	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3343	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3344	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3345	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3346-48	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3349,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3351,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3353-55	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3356,57	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3358-61	TAJAAH0101JV	M 100 OHM,J,1/16W	4	D0GB101JA006
R3362,63	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3364	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3365	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3366,67	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3368	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3369-72	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3373,74	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3375-77	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3378,79	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3380-82	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3383-85	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3386,87	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3388	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3389,90	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3391	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3392	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3393,94	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3395	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3396	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3400	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3501-03	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3504	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R3505	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3506	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3507	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3508	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	(HY) (HZ)
R3508	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	(HX)
R3509	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	(HY) (HZ)
R3509	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	(HX)
R3510,02	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3511	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3513,14	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R3516,17	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3518-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3526-28	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3529,30	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3532-34	ERJ6GEY0R00	M 0 OHM,J,1/10W	3	
R3535,36	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R3537	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	(HX)
R3537	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	(HY) (HZ)
R3538	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HY) (HZ)
R3538	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	(HX)
R3539,40	ERJ6ENF75R0	M 75 OHM, 1/10W	2	(HY)
R3540	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	(HX)
R3541	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3547	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3548	ERJ6ENF7500	M 750 OHM, 1/10W	1	(HY) (HZ)
R3548	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	(HX)
R3549,50	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R3577	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3578	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3579	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3580	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3581	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3582	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3585,86	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3595-97	ERJ6GEYJ102	M 1KOHM,J,1/10W	3	
R3599	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3603,04	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3611-14	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	4	
R3626-29	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3653	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3663,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3755,56	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3764-66	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R3776,77	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3801,02	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3803,04	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R3805	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3806	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3808	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3809	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3810	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3811	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3812	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R3813	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3814	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R3815	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3816	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3817	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3818	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3819	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3820	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3821	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3822	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3823	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3824	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3825	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3826	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3827	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3828	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3829	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3830,31	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3832	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3833	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3834	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3835	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3836	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3837-40	EXB38V471J	RESISTOR ARRAY	4	
R3841	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3842	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3843	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3845	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3846	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3848	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3849	ERJ6ENF3000	M 300 OHM, 1/10W	1	
R3850	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3851	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3852	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3853	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3854	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3855	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3856	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3857	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3858	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3859	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R3860	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	D0GB391JA002
R3861	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R3862	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3863,64	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R3865	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3866	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3867-69	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3870	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R3871	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3872	TAJAAH0680JV	M 68 OHM,J,1/16W	1	D0GB680JA006
R3873	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3874	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3875,76	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	2	
R3877	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3879	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3881	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3884-86	TAJAAH0820JV	M 82 OHM,J,1/16W	3	D0GB820JA006
R3887	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3888	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3890	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3891	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3892	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3893	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3894	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3895	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4521	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4551	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4552	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R4601	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4604	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R6401-08	ERJ6GEYJ221	M 220 OHM,J,1/10W	8	
R6409	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6410,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6413	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6420-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6424	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6425-28	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6429	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6441	ERJ6ENF7502	M 75KOHM, 1/10W	1	
R6442	ERJ6ENF6982	M69.8KOHM, 1/10W	1	
R6443	EVMEASA00B24	CONTROL 20KOHMB 0.3W	1	
R6444	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	1	
R6445	ERJ6ENF2551	M2.55KOHM, 1/10W	1	
R6447	ERG2FJS223D	M 22KOHM, J, 2W	1	
R6448	ERG2FJS472D	M 82KOHM, J, 3W	1	
R6453	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6454	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6455	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6456	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R6457,58	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6459-61	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R6462	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R6463	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6464	ERG2FJS273D	M 27KOHM, J, 2W	1	
R6465	ERX1FJS8R2D	M 8.2 OHM, J, 1W	1	
R6466	ERJ14YJ101	M 100 OHM, J,1/4W	1	
R6467,68	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6469	ERG3FJS123D	M 12KOHM, J, 3W	1	
R6470	ERJ6GEYJ273	M 27KOHM,J,1/10W	1	
R6471	ERG3FJS123D	M 12KOHM, J, 3W	1	
R6473	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6474	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6475	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6476	ERJ6GEYJ394	M 390KOHM,J,1/10W	1	
R6477	EVMEASA00B33	OR EVM38GA00B33	1	
R6478	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6479,80	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6482	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6483	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6484	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6485,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6489	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6491	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6492,93	ERJ6ENF2203	M 220KOHM, 1/10W	2	
R6494	ERJ12YJ102	M 1KOHM,J, 1/2W	1	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6498,99	ERX1FJS8R2D	M 8.2 OHM, J, 1W	2	
R6500-02	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R6503,04	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R6505-07	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R6508	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6509	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6510	ERX2FJS2R2D	M 2.2 OHM, J, 2W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX2FJS2R2D	M 2.2 OHM, J, 2W	1	
R6514	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6518	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6522	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R6524	ERJ6GEYF222	M 2.2KOHM,F,1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527,28	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R6529	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6530-35	ERJ6GEYJ470	M 47 OHM,J,1/10W	6	
R6538	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6539	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542-47	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	6	
R6550	ERG1FJS332D	M 3.3KOHM, J, 1W	1	
R6551-53	ERJ6ENF1003	M 100KOHM, 1/10W	3	
R6554	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6556	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6563	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6565	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6566	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6567	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6568	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6570	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6571-78	ERJ6GEYJ471	M 470 OHM,J,1/10W	8	
R6582,83	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6584	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6589	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6590	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6594	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6595,96	ERJ6ENF5231	M5.23KOHM, 1/10W	2	
R6601	ERD25V0R00	C 0 OHM, 1/4W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6611,12	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6619	ERJ6GEYJ240	M 24 OHM,J,1/10W	1	
R6627,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6630-35	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	6	
R6636-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6641,42	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6643,44	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R6647,48	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6661,62	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6667,68	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6669	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6670	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R6671	ERG3FJS821D	M 820 OHM, J, 3W	1	
R6672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6673	ERG1SJ100P	M 10 OHM, J, 1W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6678,79	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R6680,81	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6682-85	ERJ3GEYJ471	M 470 OHM,J,1/16W	4	
R6686-89	ERJ3GEYJ473	M 47KOHM,J,1/16W	4	
R6690,91	ERJ3GEYJ471	M 470 OHM,J,1/16W	2	
R6692,93	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6694-96	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R6697-99	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R6701	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6702	ERD25V0R00	C 0 OHM, 1/4W	1	
R6711,12	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6719	ERJ6GEYJ240	M 24 OHM,J,1/10W	1	
R6727,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6730-35	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	6	
R6736-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6741,42	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6743,44	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R6747,48	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6759,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6761	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R6762-64	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6765	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6766-68	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6769,70	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6771,72	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6773	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6774	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
R6777,78	ERX2FJSR22D	M0.22 OHM, J, 2W	2	
R6779,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6783	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6784	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6785,86	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6787,88	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6790	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6791	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6801-03	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R6804-06	ERJ3GEYJ223	M 22KOHM,J,1/16W	3	
R6807-09	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R6810-12	ERJ3GEYJ223	M 22KOHM,J,1/16W	3	
R6818,19	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6820	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6821	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6823	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6824	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6825	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6826	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6827	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7101-12	ERJ14YJ220	M 22 OHM, J,1/4W	12	
R7117	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7119	ERJ6ENF1651	M1.65KOHM, 1/10W	1	
R7120	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7126-28	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R7130-33	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7201-16	ERJ14YJ220	M 22 OHM, J,1/4W	16	
R7217	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7221-24	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R7225	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7226-33	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R8002	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R8003	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R8004	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8006,07	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R8008	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8009	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R8010	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R8011	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R8012	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8013	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8015	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8017-19	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R8023,24	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R8025	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R8026	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8027	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R8028-30	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	3	
R8033	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R8035	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8036	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9000	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9008	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9010	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9018-20	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9034	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9035	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9036	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9037	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R9038	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9039	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R9040	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9041	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R9045	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9046	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9047	ERJ6ENF1051	M1.05KOHM, 1/10W	1	
R9048	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9049	ERJ6ENF1051	M1.05KOHM, 1/10W	1	
R9050,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9052	ERJ6ENF1051	M1.05KOHM, 1/10W	1	
R9053	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9058	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R9059	ERJ6ENF1000	M 100 OHM, 1/10W	1	
R9060	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R9061	ERJ6ENF1000	M 100 OHM, 1/10W	1	
R9063	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R9064	ERJ6ENF1000	M 100 OHM, 1/10W	1	
R9065	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9068-70	ERJ6ENF2701	M 2.7KOHM, 1/10W	3	
R9071-73	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9077	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9078	ERJ6ENF1800	M 180 OHM, 1/10W	1	
R9080,81	ERJ6ENF1800	M 180 OHM, 1/10W	2	
R9082	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9102,03	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9104	TAJAAH0680JV	M 68 OHM,J,1/16W	1	D0GB680JA006
R9105,06	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9107-10	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9113	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9115	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9121-29	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R9200,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9204,05	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9207,08	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9210	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9211,12	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9228	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9229	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9239,40	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9241	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9242,43	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9244	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9245	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9246	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9247,48	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9249	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9253	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9254	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9257	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9259	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9261	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9262,63	ERJ3GEYJ330	M 33 OHM,J,1/16W	2	
R9264-70	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R9271	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9274	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9275	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9285	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9286,87	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9288,89	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R9290	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9291	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9293	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9300	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9301-05	TAJAAH0101JV	M 100 OHM,J,1/16W	5	D0GB101JA006
R9306,07	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9308	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9309	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9350	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9351	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9352,53	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9354	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9355,56	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9357	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9358	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9359	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9360,61	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9362-64	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R9365	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9366-68	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R9369	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9371	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9372-75	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	4	
R9376	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9377	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9378	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9379	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9380	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9381	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9382	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9383-86	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9387-90	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R9391	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9392	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9394-00	ERJ3GEYJ102	M 1KOHM,J,1/16W	7	
R9401,02	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9403	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9404-06	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R9407,08	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9409	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9410	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9411	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9413	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9414	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9416	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9417	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9418	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9419	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9420	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9421	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9425	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9426	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9427	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9429	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9432	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9434,35	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9436-39	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9440,41	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9442-49	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R9454-58	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9459	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9460,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9464	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9466	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9467	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9469	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9470	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9472,73	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9475	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9478	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9501	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9502-07	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R9514-19	EXB38V680J	RESISTOR ARRAY	6	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9520,21	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9523	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9524	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9525,26	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9527-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9530-32	EXB38V680J	RESISTOR ARRAY	3	
R9533	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9535-43	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R9548	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9549	TAJAAH0680JV	M 68 OHM,J,1/16W	1	D0GB680JA006
R9551	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9552	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9555-58	ERJ8RSJR10V	M 1 OHM, 1/8W	4	
R9559	ERJ6ENF1301	M 1.3KOHM, 1/10W	1	
R9560	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9561	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9562	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9563	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R9564	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9565	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R9566	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9567	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9568,69	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9572	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9573	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9576	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9577	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9578	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9581	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9582-85	ERJ3GEYJ330	M 33 OHM,J,1/16W	4	
R9588	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9601	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9607,08	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9609	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9616	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9617,18	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9619,20	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9624,25	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9626	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9627	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9629	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9630	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9632-34	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R9635-39	ERJ3GEYJ100	M 10 OHM,J,1/16W	5	
R9642-45	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9654	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9656	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9701	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9703	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9704-07	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9709	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9710-12	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9714	EXB38V103J	RESISTOR ARRAY	1	
R9715-17	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9718,19	EXB38V103J	RESISTOR ARRAY	2	
R9720	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9722,23	EXB38V103J	RESISTOR ARRAY	2	
R9725	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9726	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9727	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9728	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9729	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9730	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9732	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9742	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9743	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9744,45	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9746	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9747,48	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9749	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9750	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9755-57	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9758-62	ERJ3GEYJ151	M 150 OHM,J,1/16W	5	
R9765-71	ERJ3GEYJ151	M 150 OHM,J,1/16W	7	
R9775	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9801,02	EXB38V103J	RESISTOR ARRAY	2	
R9803-05	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9806	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9809-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9813	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9814	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9816-18	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9819	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9821	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9823-30	ERJ3GEYJ103	M 10KOHM,J,1/16W	8	
R9831	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9832-35	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9836,37	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9838	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9839,40	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9841	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9842,43	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9844-46	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R9851-71	EXB38V470J	RESISTOR ARRAY	21	
R9872-76	TAJAAH0470JV	M 47 OHM,J,1/16W	5	D0GB470JA006
R9877	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9878	EXB38V151J	RESISTOR ARRAY	1	
R9879,80	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9881	EXB38V680J	RESISTOR ARRAY	1	
R9882	TAJAAH0680JV	M 68 OHM,J,1/16W	1	D0GB680JA006
R9883	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9884-88	TAJAAH0470JV	M 47 OHM,J,1/16W	5	D0GB470JA006
R9890,91	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9894,95	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9901	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9902,03	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9904	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9910	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9911	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9912	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9913,14	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9916	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9917	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9920	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9921	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9923	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9927	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9929	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9930	EXB38V103J	RESISTOR ARRAY	1	
R9931,32	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9933-38	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9939	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9940,41	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9942	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9944	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9945,46	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9947	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9948	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9949	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9950	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9951,52	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9954,55	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9958	ERJ3GEYJ474	M 470KOHM,J,1/16W	1	
R9959	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R9960	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9961,62	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9965	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9966	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9967,68	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9977	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9978,79	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9980	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
RL501	TSEH0025	RELAY	1	K6B2AGA00020 ⚠
RL502	K6B1AGA00086	RELAY	1	⚠
RM001	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	TNPA2540	CIRCUIT BOARD C1	1	⚠
RTL	TNPA2541	CIRCUIT BOARD C2	1	⚠
RTL	TNPA2583	CIRCUIT BOARD SU	1	⚠
RTL	TNPA2584	CIRCUIT BOARD SD	1	⚠
RTL	TNPA2249	CIRCUIT BOARD H3	1	⚠
RTL	TXN/F10MMS	CIRCUIT BOARD F	1	⚠
RTL	TNPA2590	CIRCUIT BOARD Z	1	⚠
RTL	TZTNP01MMSB	CIRCUIT BOARD D1	1	⚠
RTL	TNPA2589	CIRCUIT BOARD D2	1	⚠
RTL	TNPA2598	CIRCUIT BOARD P	1	⚠
RTL	TNPA2534	CIRCUIT BOARD SC	1	⚠
RTL	TNPA2535	CIRCUIT BOARD SS	1	⚠
RTL	TNPA2536	CIRCUIT BOARD SS2	1	⚠
RTL	TNPA2537	CIRCUIT BOARD SS3	1	⚠
RTL	TNPA2622	CIRCUIT BOARD S1	1	⚠
RTL	TNPA2621	CIRCUIT BOARD V1	1	⚠
RTL	TXNHZ40JJS	CIRCUIT BOARD HZ	1	⚠
RTL	TZTNP020JAS	CIRCUIT BOARD HX	1	⚠
S061	TSE4GD0001	POWER SWITCH	1	K0F162B00002
S1554-56	EVQPBD05R	SWITCH	3	
SC2	TJS3A9670	6P CONNECTOR	1	K1KA06A00179

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SC20	K1KA08A00232	8P CONNECTOR	1	
SC21	K1KA11A00078	11P CONNECTOR	1	
SC23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SC41-44	K1KB40B00015	40P CONNECTOR	4	
SD1-D3	K1MN80B00004	80P CONNECTOR	3	
SS11	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
SS12	K1KA05A00139	5P CONNECTOR	1	
SS23	TJS1A8870	11P CONNECTOR	1	K1KA11A00073
SS34	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SS40	K1KB07A00037	7P CONNECTOR	1	
SS41-46	TJSF41013	13P CONNECTOR	6	K1MN13B00020
SS47	K1KB07A00037	7P CONNECTOR	1	
SS48,49	K1KA07A00170	7P CONNECTOR	2	
SU1-U3	K1MN80B00004	80P CONNECTOR	3	
T501	G4D4A0000049	SWITCHING TRANSFORMER	1	⚠
T502	G4D4A0000050	SWITCHING TRANSFORMER	1	⚠
T503	ETS25AD1C3AG	SWITCHING TRANSFORMER	1	⚠
T6451	G4D1A0000055	SWITCHING TRANSFORMER	1	
T6471	G4D1A0000055	SWITCHING TRANSFORMER	1	
V34	K1KA08B00005	8P CONNECTOR	1	
X3801	H0J202500002	CRYSTAL	1	
X9200	H1A3305B0005	CRYSTAL	1	
X9350	TSSA120	CRYSTAL	1	H0J327200038
X9450	TSSA081	CRYSTAL	1	H0J245500024
X9451	TSS9038-B	CRYSTAL	1	H0J200500016
X9601	H1A5005B0015	CRYSTAL	1	
X9602	H1A6505B0004	CRYSTAL	1	
X9603	H1A6005B0008	CRYSTAL	1	
X9701	TSS9038-B	CRYSTAL	1	H0J200500016
X9901	H0J921400003	CRYSTAL	1	
Z3	TJS1A8090	PHONO PIN (3P)	1	K1KA03B00045
Z4	TJS1A8100	PHONO PIN (4P)	1	K1KA04B00056
Z6	TJS1A8830	CONNECTOR	1	K1KA07A00056
Z10	TJS1A8800	4P CONNECTOR	1	K1KA04A00242
Z17	TJS1A8840	8P CONNECTOR	1	K1KA08A00221

17.3. 42 inch Models (Except UY/ YZ Version) Electrical Replacement List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C11	K1MN80B00002	CONNECTOR	1	
C12	K1MN20B00043	CONNECTOR	1	
C21	K1MN80B00002	CONNECTOR	1	
C22	K1MN20B00043	CONNECTOR	1	
C23	K1KA11A00102	11P CONNECTOR	1	
C24	K1KA08A00232	8P CONNECTOR	1	
C081	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C402	ECA1EHG101	E 100UF, 25V	1	
C410-12	ECKDAE472ZE	C 4700PF, Z,	3	⚠
C413	ECA2WHG100	E 10UF, 450V	1	
C415	ECA1HHG220	E 22UF, 50V	1	
C416	ECQV1H104JM	P 0.1UF, J, 50V	1	
C417	ECKD3D392KBP	C 3900PF, K, 2KV	1	
C418	ECA1EHG470	E 47UF, 25V	1	
C419	ECKD2H821KB2	C 820PF, K,500V	1	ECKD2H821KB5
C420	ECQV1H104JM	P 0.1UF, J, 50V	1	
C421	ECA1EHG470	E 47UF, 25V	1	
C422,23	ECKD2H561KB2	C 560PF, K,500V	2	
C424	EEUFC1C471	E 470UF, 16V	1	
C425	ECA1EHG102	E 1000UF, 25V	1	
C427	ECA1AHG471	E 4700UF, 10V	1	
C428	ECA1EHG470	E 47UF, 25V	1	
C429,30	ECKF1H223ZF	C 0.022UF, Z, 50V	2	
C431-33	ECKDAE472ZE	C 4700PF, Z,	3	⚠
C434	ECQE6105JF	P 1UF, J,630V	1	
C435	EEUFC1V331	E 220UF, 35V	1	
C436	ECQB1H103JF	P 0.01UF, J, 50V	1	
C437	ECQB1H821KF	P 820PF, K, 50V	1	
C438	EEUFC1H330	E 33UF, 50V	1	
C439	ECQB1H101KF	P 100UF, K, 50V	1	
C440	ECQB1H331JF	P 330UF, K, 50V	1	ECQB1H331JF3
C441	ECQB1H103JF	P 0.01UF, J, 50V	1	
C442	ECQB1H104JF	P 0.1UF, J, 50V	1	
C443	ECQV1H564JM	P 0.56UF, J, 50V	1	ECQV1H564JL
C444	ECA1HHG010	E 1UF, 50V	1	
C445	ECKD3D101KBP	C 100PF, K, 2KV	1	
C447,48	EETHC2W331L	E 330UF, 450V	2	⚠
C449	ECQB1H104JF	P 0.1UF, J, 50V	1	
C450	ECA1EHG331	E 330UF, 25V	1	
C452	EEUEB1H220	E 22UF, 50V	1	
C501	ECA1HHG100	E 10UF, 50V	1	
C503	ECQB1H103JF	P 0.01UF, J, 50V	1	
C504	ECKF1H101KB	C 100PF, K, 50V	1	
C505	ECQB1H102JF	P 1000PF, J, 50V	1	
C506	ECQB1H122JF	P 1200PF, J, 50V	1	
C508	ECQB1H102JF	P 1000PF, J, 50V	1	
C509	ECKF1H471KB	C 470PF, K, 50V	1	
C510	ECKD3D221KBP	C 220PF, K, 2KV	1	
C511	ECA1EHG221	E 220UF, 25V	1	
C512	ECQB1H102JF	P 1000PF, J, 50V	1	
C513	EEUEB1E101	E 100UF, 25V	1	
C514	ECKD3D101KBP	C 100PF, K, 2KV	1	
C515,16	ECQE6473KF	P 0.047UF, K,630V	2	
C518	ECA1EHG101	E 100UF, 25V	1	
C520	EEUEB1E221SB	E 220UF, 25V	1	
C521	ECQB1H103JF	P 0.01UF, J, 50V	1	
C523	ECKCNA102MBB	C 1000PF, Z,	1	⚠
C524	ECKD3D102KBP	C 1000PF, K, 2KV	1	
C525	EETHC2C821B	E 820UF, 160V	1	
C526	ECKD3A101KBP	C 100PF, K, 1KV	1	
C527,28	ECKF1H103ZF	C 0.01UF, Z, 50V	2	
C530	ECKD3A101KBP	C 100PF, K, 1KV	1	
C531	ECKD2H103ZU	C 0.01UF, Z,500V	1	
C532	EETHC2D182L	E 1800UF, 200V	1	
C533	ECKD3A471KBP	C 470PF, K, 1KV	1	
C534,35	ECQB1H103JF	P 0.01UF, J, 50V	2	
C536	EETHC2D182L	E 1800UF, 200V	1	
C537,38	ECKD3A101KBP	C 100PF, K, 1KV	2	
C539	EEUEB1H220	E 22UF, 50V	1	
C540	ECA1EHG472	E 4700UF, 25V	1	
C541	ECA1EHG222	E 2200UF, 25V	1	
C542,43	ECQB1H103JF	P 0.01UF, J, 50V	2	
C544-46	ECA1EHG222	E 2200UF, 25V	3	
C547	ECQB1H103JF	P 0.01UF, J, 50V	1	
C548	ECQB1H332JF	P 3300PF, J, 50V	1	
C549,50	EEUFC1V151	E 150UF, 35V	2	
C551	EEUFC0J122	E 1200UF, 6.3V	1	
C552	ECQV1H105JM	P 1UF, J, 50V	1	
C553-55	ECKF1H103ZF	C 0.01UF, Z, 50V	3	
C556	ECA1EHG471	E 470UF, 25V	1	
C557	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C558	ECA1HHG101	E 100UF, 50V	1	
C559	ECA1EHG101	E 100UF, 25V	1	
C560	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C561	ECA1EHG101	E 100UF, 25V	1	
C562-65	ECKF1H103ZF	C 0.01UF, Z, 50V	4	
C566	ECA1EHG101	E 100UF, 25V	1	
C900,01	ECQU2A224BN9	P 0.22UF, 250V	2	⚠
C902	ECQU2A105BN9	P 1UF, 250V	1	⚠
C903-06	ECKCNA221KB7	C 220PF	4	⚠
C2312	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2313	ECA1HHG470	E 47UF, 50V	1	
C2314	EEVHB1C470	E 47UF, 16V	1	
C2316,17	ECQV1H474JM	P 0.47UF, J, 50V	2	
C2318,19	ECJ2XC1H561J	C 560PF, J, 50V	2	
C2320-22	ECJ2VF1H104Z	C 0.1UF, Z, 50V	3	
C2323	ECA1HHG221	E 220UF, 50V	1	
C2324	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2325	ECA1HHG221	E 220UF, 50V	1	
C2326,27	ECJ2XC1H221J	C 220PF, J, 50V	2	
C2328,29	ECJ2VF1H104Z	C 0.1UF, Z, 50V	2	
C2330	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2331	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2332	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2333	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2334,35	TCUY1C225KBM	C 2.2UF, 16V	2	F1K1C225A026
C2336,37	ECJ2XB1H473K	C 0.047UF, K, 50V	2	
C2338,39	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2340-43	ECJ2VF1H104Z	C 0.1UF, Z, 50V	4	
C2344-47	EEUGZ1D102SB	E 1000UF, 20V	4	
C2348	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2349,50	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2417	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2419	EEVHB1C100	E 10UF, 16V	1	
C2422	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2423	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2426	ECJ2XB1H153K	C 0.015UF, K, 50V	1	
C2427	EEVHB1C100	E 10UF, 16V	1	
C2429	EEAGA1C101	E 100UF, 16V	1	
C2431	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2433	ECJ2XB1H393K	C 0.039UF, K, 50V	1	
C2434	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C2435	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2436	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C2437,38	EEAGA1C101	E 100UF, 16V	2	
C2440,41	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2442	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2450	EEVHB1C100	E 10UF, 16V	1	
C2451	EEVHB1E4R7	E 4.7UF, 25V	1	
C2452	ECJ2XB1H562K	C 5600PF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2453	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2454	EEVHB1E4R7	E 4.7UF, 25V	1	
C2457	EEVHB1E4R7	E 4.7UF, 25V	1	
C2458	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C2459	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C2460	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2461	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C2463	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2466,67	ECJ3VB1C104K	C 0.10UF, K, 16V	2	
C2480	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2484	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3001-03	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3004	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3005-07	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3008,09	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C3010-12	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3013,14	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C3015-17	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3018	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3019	EEVHB1C470	E 47UF, 16V	1	
C3020	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3021	EEVHB1C470	E 47UF, 16V	1	
C3022	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3023	EEVHB1C470	E 47UF, 16V	1	
C3024	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3026	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3027	EEVHB1C470	E 47UF, 16V	1	
C3028	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3029	EEVHB1C470	E 47UF, 16V	1	
C3030,31	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C3032	EEVHB1C470	E 47UF, 16V	1	
C3033-35	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C3036	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3037-39	EEVHB1C470	E 47UF, 16V	3	
C3040,41	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3042	EEVHB1C470	E 47UF, 16V	1	
C3049,50	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3301,02	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C3303,04	EEVHB1C470	E 47UF, 16V	2	
C3305	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3306,07	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3309	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3310	EEVHB1C470	E 47UF, 16V	1	
C3311	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3312,13	EEVHB1C470	E 47UF, 16V	2	
C3314	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3351,52	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3353-60	ECJ2VF1C105Z	C 1UF, Z, 16V	8	
C3361	EEVHB1C470	E 47UF, 16V	1	
C3362	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3363	EEVHB1C470	E 47UF, 16V	1	
C3364	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3365	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405	EEVHB1C470	E 47UF, 16V	1	
C3406	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3407	EEVHB1C470	E 47UF, 16V	1	
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3410	EEVHB1C470	E 47UF, 16V	1	
C3501	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3502	EEVHP1E220	E 22UF, 25V	1	
C3503,04	EEVHP1E100	E 10UF, 25V	2	
C3505	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3506	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C3507	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3509-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C3516-18	EEVHB1C470	E 47UF, 16V	3	
C3520	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3521	EEVHB1C470	E 47UF, 16V	1	
C3523	EEVHB1C470	E 47UF, 16V	1	
C3524	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3529-31	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C3533,34	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3542	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3544	EEVHB1C470	E 47UF, 16V	1	
C3550	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3551	EEVHB1C470	E 47UF, 16V	1	
C3561,62	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3591,92	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3593	ECJ2VF1E104Z	C 0.1UF, Z, 25V	1	
C3594,95	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3700	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3701	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3702	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3703	EEVHB1C470	E 47UF, 16V	1	
C3704	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3706	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3708	EEVHB0G221	E 220UF, 4V	1	
C3709	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3710-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C3714	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3715	EEVHB0G221	E 220UF, 4V	1	
C3716	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3717,18	EEVHB1C470	E 47UF, 16V	2	
C3723	EEVHB1C470	E 47UF, 16V	1	
C3726	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3727,28	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3729	ECJ2XB1H471K	C 470PF, K, 50V	1	
C3801	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3802	EEVHB1C470	E 47UF, 16V	1	
C3803	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3804	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3805	ECJ1XC1H220J	C 22PF, J, 50V	1	
C3806	ECJ1XC1H680J	C 68PF, J, 50V	1	
C3808	EEVHP1E220	E 22UF, 25V	1	
C3809	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3810	EEVHB0J220	E 22UF 6.3V	1	
C3812	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3815	EEVHB1C470	E 47UF, 16V	1	
C3816	EEVHP1E100	E 10UF, 25V	1	
C3817	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3818	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3819	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3820	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3821	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3823	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3824,25	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3828,29	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3830,31	ECJ1XC1H180J	C 18PF, J, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3832-34	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3835	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3836-38	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3840	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3841	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3842	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3843	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3844	EEVHB0J152	E 1500UF, 6.3V	1	
C3845,46	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3848-50	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3852,53	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3854	ECJ1VC1H080C	C 8PF, C, 50V	1	
C3855-57	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3858	EEVHB0G221	E 220UF, 4V	1	
C3859,60	EEVHB0J152	E 1500UF, 6.3V	2	
C3861	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3862	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3863	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3864	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3865	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3866	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3867	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3868	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3869	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3870,71	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3872	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3873	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3874	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3875	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3876	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3877	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3878-83	ECJ2VF1C105Z	C 1UF, Z, 16V	6	
C3884	ECJ1VB1H153K	C 0.15UF, K, 50V	1	
C3885	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3886	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3887	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3888	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3889	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3890	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3891,92	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3893	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3894	EEVHB0G221	E 220UF, 4V	1	
C3896	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3897	ECJ1XC1H680J	C 68PF, J, 50V	1	
C3898	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3899	ECJ1XC1H330J	C 33PF, J, 50V	1	
C4518	ECJ1VB1H152K	C 1500PF, K, 50V	1	
C4551	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C6401-08	TCUY1C105ZFN	C 1UF, 16V	8	F1J1C1050006
C6411	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6412	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6417	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6421	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6422	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6427	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6429	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6431	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6433	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6452	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6453	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6454	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6455	EEUFC1E221	E 220UF, 25V	1	
C6456	ECA2CM101	E 100UF, 160V	1	
C6457	EEUFC1E221	E 220UF, 25V	1	
C6458	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	EEUFC1E221	E 220UF, 25V	1	
C6462,63	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6464,65	ECA2CHG2R2	E 2.2UF, 160V	2	
C6472	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2AHG470	E 47UF, 100V	1	
C6481-88	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6490,91	ECJ3XK2J102K	C 1000PF, K,630V	2	
C6492	ECA2VHG100	E 10UF, 350V	1	
C6493	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6501-08	TCUY1C105ZFN	C 1UF, 16V	8	F1J1C1050006
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6511,12	ECJ3YB1E105K	C 1UF, K, 25V	2	
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6522	EEUFC1E470	E 47UF, 25V	1	
C6524,25	ECJ3FC2D102J	C 1000PF, J,200V	2	
C6526	ECA2EHG4R7	E 4.7UF, 250V	1	
C6529	ECJ3XK2J102K	C 1000PF, K,630V	1	
C6534	ECJ3XK2J102K	C 1000PF, K,630V	1	
C6540	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6541,42	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6543,44	ECJ3FC2D102J	C 1000PF, J,200V	2	
C6545	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6546	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6547	ECJ3FC2D102J	C 1000PF, J,200V	1	
C6550	ECA2AHG470	E 47UF, 100V	1	
C6571,72	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6574-78	TCUY1C105ZFN	C 1UF, 16V	5	F1J1C1050006
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6584	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6585	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6598	ECA2CHG220	E 22UF, 160V	1	
C6601-04	F2A2D1510004	E 150UF, 200V	4	
C6607	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6608	EEUFC1E471	E 470UF, 25V	1	
C6611-18	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6621-28	ECQE2105RKB	P 1UF, 250V	8	
C6631,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6633	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6634,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6636	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6637	EEUFC1E121	E 120UF, 25V	1	
C6638	ECWU1224KC9	P 0.22UF, 100V	1	
C6639	F2A2D1510004	E 150UF, 200V	1	
C6642	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6644	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6645	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6646	EEUFC1E121	E 120UF, 25V	1	
C6647	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6655,56	EEUFC1A101	E 100UF, 10V	2	
C6660-77	ECJ3XK2J102K	C 1000PF, K,630V	18	
C6695,96	ECJ3XK2J102K	C 1000PF, K,630V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6701-04	F2A2D1510004	E 150UF, 200V	4	
C6707,08	EEUED2C470	E 47UF, 160V	2	
C6711-18	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6721-28	ECQE2105RKB	P 1UF, 250V	8	
C6731,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6733	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6734,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6736	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6738	ECWU1224KC9	P 0.22UF, 100V	1	
C6739	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6740	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6741,42	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6744	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6745,46	ECJ3YB1E105K	C 1UF, K, 25V	2	
C6747	F2A2D1510004	E 150UF, 200V	1	
C6748	EEUFC1E221	E 220UF, 25V	1	
C6749	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6750,51	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6753,54	EEUFC1E221	E 220UF, 25V	2	
C6755	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6756	EEUFC1A101	E 100UF, 10V	1	
C6760,61	ECJ3XK2J102K	C 1000PF, K,630V	2	
C6771-78	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6781	ECJ3XK2J102K	C 1000PF, K,630V	1	
C6786	ECJ3XK2J102K	C 1000PF, K,630V	1	
C7101	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7102	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7104-06	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7107	F1K2A1040004	C 0.1UF, 100V	1	
C7113	F1K2A1040004	C 0.1UF, 100V	1	
C7115	F1K2A1040004	C 0.1UF, 100V	1	
C7117	F1K2A1040004	C 0.1UF, 100V	1	
C7131	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7132-34	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C7201	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7202	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7203-06	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C7207	F1K2A1040004	C 0.1UF, 100V	1	
C7210	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7211	F1K2A1040004	C 0.1UF, 100V	1	
C7213	F1K2A1040004	C 0.1UF, 100V	1	
C7215	F1K2A1040004	C 0.1UF, 100V	1	
C7217	F1K2A1040004	C 0.1UF, 100V	1	
C8001	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8002	EEVHP1E220	E 22UF, 25V	1	
C8003	ECJ1VB1H471K	C 470PF, K, 50V	1	
C8005	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8007	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8008	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8009	TCUY1C475ZFM	C 4.7UF, 16V	1	F1K1C4750018
C8010	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C8011	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8012	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C8013	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C8014,15	ECJ1VB1H103K	C 0.01UF, K, 50V	2	
C8016	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8017	EEVHB1C470	E 47UF, 16V	1	
C8018	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8019	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C8020	ECJ1XC1H101J	C 100PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8021	ECJ2XC1H222J	C 2200PF, J, 50V	1	
C9000,01	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9002	EEVHB1C470	E 47UF, 16V	1	
C9003	EEVHB0G221	E 220UF, 4V	1	
C9004	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9005	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9008-10	EEVHP1E220	E 22UF, 25V	3	
C9011	EEVHB1C470	E 47UF, 16V	1	
C9012	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9014	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C9015	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9016	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9017-19	ECJ1XC1H030C	C 3PF, C, 50V	3	
C9021-24	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9025,26	ECJ2VB1E473K	C 0.047UF, K, 25V	2	
C9027	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9028	ECJ2VB1E473K	C 0.047UF, K, 25V	1	
C9031	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9032,33	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9034	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9036	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C9037-39	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9040	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C9041	ECJ1VB1H392K	C 3900PF, K, 50V	1	
C9042	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9045	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9048,49	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9054	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9202	EEVHB0J330	E 33UF, 6.3V	1	
C9203	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9204-06	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9208-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9213	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9215	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C9216	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9217	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9218-20	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9225,26	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9229	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9236,37	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9243-46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9255	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9256	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9258-60	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9261	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9262	ECUX1H822JCM	C 8200PF, K, 50V	1	
C9263	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C9264	ECJ2VB1E563K	C 0.056UF, K, 25V	1	
C9265	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C9266	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9267	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9268	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9269	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9300	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9302	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9304,05	EEVHB0G221	E 220UF, 4V	2	
C9306-08	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9310	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9312	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9314	EEVHB0G221	E 220UF, 4V	1	
C9315	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9316	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9317	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9318	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C9319	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9320	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9321	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9353	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9354	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9355	EEVHB1C470	E 47UF, 16V	1	
C9356	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9357	EEVHB1C470	E 47UF, 16V	1	
C9358	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9361-66	ECJ1XC1H101J	C 100PF, J, 50V	6	
C9367	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9368	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9369,70	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9371	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9372	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9373	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9374	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9375	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9377,78	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9379,80	ECJ1XC1H100D	C 10PF, D, 50V	2	
C9381	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9382	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9383	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9385	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9387,88	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9390,91	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9392	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9393	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9400	EECS5R5V155	E 1.5UF, 5.5V	1	
C9401	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9402,03	ECJ1XC1H150J	C 15PF, J, 50V	2	
C9450	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9451	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9452,53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9454	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9455-60	ECJ1XF1C104Z	C 0.1UF, Z, 16V	6	
C9464	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9465	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9466,67	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9468	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9469	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9470	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C9472	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9501,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9503	EEVHB1C470	E 47UF, 16V	1	
C9504	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9505	EEVHB1C470	E 47UF, 16V	1	
C9506	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9507	F2G0J1010021	E 100UF 6.3V	1	
C9509,10	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9551	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9552,53	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C9554	F2G0J1010021	E 100UF 6.3V	1	
C9555,56	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C9557,58	F2G1C4700030	E 47UF, 16V	2	
C9559	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9560	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C9561,62	F2G1C4700030	E 47UF, 16V	2	
C9563	F2G0J1010021	E 100UF 6.3V	1	
C9564	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9565	EEVHB0G221	E 220UF, 4V	1	
C9566	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9567	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9570	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9572	EEVHB0G221	E 220UF, 4V	1	
C9573	F2G0J1010021	E 100UF 6.3V	1	
C9574	EEVHB1C470	E 47UF, 16V	1	
C9575,76	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9577	F2G0J1010021	E 100UF 6.3V	1	
C9578	ECJ2XC1H222J	C 2200PF, J, 50V	1	
C9579	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9601	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9602	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9603-07	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9608	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9610	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9611-16	ECJ1XF1C104Z	C 0.1UF, Z, 16V	6	
C9619	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9620-24	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9625	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9627,28	ECJ1XC1H100D	C 10PF, D, 50V	2	
C9629	ECJ1XC1H331J	C 330PF, J, 50V	1	
C9630	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9631	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9632	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9633,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9635	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9701	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9702-05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9706	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9707-10	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9713	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9715	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9716	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9717	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C9718,19	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9720	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9721,22	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9723	ECJ1XC1H471J	C 470PF, J, 50V	1	
C9724,25	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9726-28	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9730	EEVHB1C470	E 47UF, 16V	1	
C9731	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9732	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9801-03	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9805-22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	18	
C9826	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9827	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9828	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9829	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9901,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9903	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9904,05	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9910	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C9911	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9912	EEVHB1C470	E 47UF, 16V	1	
C9913	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9914	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C9915	ECJ1VB1C563K	C 0.056UF, K, 16V	1	
C9916	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9918	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9923	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C9925	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9926	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
CB1-B7	K1MN80B00004	80P CONNECTOR	7	
D1	K1KA50B00064	50P CONNECTOR	1	
D2,D3	K1KA40B00076	40P CONNECTOR	2	
D4	K1KA12B00066	CONNECTOR	1	
D10	K1KA04A00199	CONNECTOR	1	
D12,13	K1KA50A00125	CONNECTOR	2	
D16	K1KA10A00317	10P CONNECTOR	1	
D17	K1KA08A00293	8P CONNECTOR	1	
D20	K1KA08A00232	8P CONNECTOR	1	
D21	K1KA11A00078	11P CONNECTOR	1	
D22,23	K1KA50A00125	CONNECTOR	2	
D25	K1KA11A00102	11P CONNECTOR	1	
D26	K1KA10A00317	10P CONNECTOR	1	
D27	K1KA09A00077	9P CONNECTOR	1	
D31,32	K1MN80B00002	CONNECTOR	2	
D081	LNJ107W5PRW	LED	1	
D082	MA8056M	ZENER DIODE	1	MAZ80560M
D401-03	MA165	DIODE	3	MA2C165
D411	S1WBA80	DIODE	1	B0EBKT000003 ⚠
D413	MA4082L	ZENER DIODE	1	MAZ40820L
D414	D1NL40V70	DIODE	1	B0HALP000002
D415	ERA22-10	DIODE	1	B0EAEV000002
D416	PC123FY2	PHOTO COUPLER	1	B3PAA0000012 ⚠
D417	MA4051M	ZENER DIODE	1	MAZ40510M
D418,19	EU02	DIODE	2	
D420	ERA22-04	DIODE	1	B0HAGP000001
D421	ERA15-02	DIODE	1	B0EAKM000016
D422	MA4056M	ZENER DIODE	1	MAZ40560M
D431	B0FBBR000019	DIODE	1	⚠
D432	D1NL20UV70	DIODE	1	B0HAMM000072
D433	MA4270L	ZENER DIODE	1	MAZ42700L
D434	D1NL20UV70	DIODE	1	B0HAMM000072
D436	TVSRM10B	DIODE	1	B0EAKT000009
D438	D5L60F4015	DIODE	1	B0HARR000003 ⚠
D439	MA4100M	ZENER DIODE	1	MAZ41000M
D440,41	MA4270M	ZENER DIODE	2	MAZ42700M
D442	MA4150M	ZENER DIODE	1	MAZ41500M
D443,44	ERA22-04	DIODE	2	B0HAGP000001
D501	AK04	DIODE	1	B0JAMC000003
D502	B0BA02700021	DIODE	1	
D503	AK04	DIODE	1	B0JAMC000003
D505,06	ERA22-04	DIODE	2	B0HAGP000001
D507	TMPG10G3	DIODE	1	B0BA01000046
D508	ERA22-04	DIODE	1	B0HAGP000001
D509	TMPG10G3	DIODE	1	B0BA01000046
D510	ERA22-04	DIODE	1	B0HAGP000001
D511,12	RC3B2LFU1	DIODE	2	
D514	ERA22-04	DIODE	1	B0HAGP000001
D515,16	PC123FY2	PHOTO COUPLER	2	B3PAA0000012 ⚠
D517	FMLG16S	DIODE	1	B0HARR000008
D518	MA4056M	ZENER DIODE	1	MAZ40560M
D519	FMLG16S	DIODE	1	B0HARR000008
D520	ERA22-04	DIODE	1	B0HAGP000001
D521	ERC91-02	DIODE	1	B0HAPM000003
D522	FML-G12S	DIODE	1	
D523,24	ERC91-02	DIODE	2	B0HAPM000003
D525	MA700A	DIODE	1	MA2C700A
D526	D1NL40V70	DIODE	1	B0HALP000002
D527,28	MA167	DIODE	2	MA2C167
D531	ERA22-04	DIODE	1	B0HAGP000001
D532,33	MA167	DIODE	2	MA2C167
D534	ERA22-04	DIODE	1	B0HAGP000001
D535,36	MA165	DIODE	2	MA2C165
D537	AK04	DIODE	1	B0JAMC000003
D538-40	ERA22-04	DIODE	3	B0HAGP000001
D541	MA165	DIODE	1	MA2C165
D542	MA4047H	ZENER DIODE	1	MAZ40470H
D543	MA4039H	ZENER DIODE	1	MAZ40390H
D544	MA4056H	ZENER DIODE	1	MAZ40560H
D900	ERZV10V621P2	VARISTOR	1	⚠
D2301-04	M1FS4	DIODE	4	B0JCME000025
D2305,06	RU4AM	DIODE	2	
D2307	MA111	DIODE	1	MA2J111
D2308	MA152	DIODE	1	
D2316	M1FS4	DIODE	1	B0JCME000025
D3001	MA111	DIODE	1	MA2J111
D3002	M1FS4	DIODE	1	
D3351,52	MA153	DIODE	2	MA3X153
D3501-04	MA3056M	ZENER DIODE	4	MAZ30560M
D3505,06	MA153	DIODE	2	MA3X153
D3507	MA111	DIODE	1	MA2J111
D6401-03	MA8056H	ZENER DIODE	3	MAZ80560H
D6405	D1FL40F4063	DIODE	1	B0ECHP000001
D6406,07	MA8056H	ZENER DIODE	2	MAZ80560H
D6409-12	D1FL40F4063	DIODE	4	B0ECHP000001
D6452,53	MA111	DIODE	2	MA2J111
D6454	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6455	MA111	DIODE	1	MA2J111
D6456	D1FL40F4063	DIODE	1	B0ECHP000001
D6457	M1FL20UF4063	DIODE	1	B0HCMM000009
D6458	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6459	MA111	DIODE	1	MA2J111
D6460,61	B0HCKS000001	DIODE	2	
D6465,66	MA8330M	ZENER DIODE	2	MAZ83300M
D6467	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6468	MA111	DIODE	1	MA2J111
D6469	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6470	MA111	DIODE	1	MA2J111
D6472,73	MA111	DIODE	2	MA2J111
D6474	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6475	MA111	DIODE	1	MA2J111
D6476	D1FL40F4063	DIODE	1	B0ECHP000001
D6477	MA8051L	ZENER DIODE	1	MAZ80510LL
D6478	B0HCKS000001	DIODE	1	
D6479	MA111	DIODE	1	MA2J111
D6480	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6481,82	MA8330M	ZENER DIODE	2	MAZ83300M
D6491,92	D1FL40F4063	DIODE	2	B0ECHP000001
D6495	B0HCKS000001	DIODE	1	
D6501-08	K7GBZEE00002	PHOTO COUPLER	8	
D6509	MA111	DIODE	1	MA2J111
D6511	M1FL20UF4063	DIODE	1	B0HCMM000009
D6512-14	MA111	DIODE	3	MA2J111
D6521	D1FL40F4063	DIODE	1	B0ECHP000001
D6522	MA111	DIODE	1	MA2J111

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6523	D1FL40F4063	DIODE	1	B0ECHP000001
D6524	MA8051L	ZENER DIODE	1	MAZ80510LL
D6525	MA111	DIODE	1	MA2J111
D6526	M1FL20UF4063	DIODE	1	B0HCMM000009
D6527	MA111	DIODE	1	MA2J111
D6531	MA8051L	ZENER DIODE	1	MAZ80510LL
D6541	B0HCKS000001	DIODE	1	
D6542	MA111	DIODE	1	MA2J111
D6543	MA8051L	ZENER DIODE	1	MAZ80510LL
D6544	MA111	DIODE	1	MA2J111
D6545	MA8051L	ZENER DIODE	1	MAZ80510LL
D6546-48	MA8330M	ZENER DIODE	3	MAZ83300M
D6549,50	MA111	DIODE	2	MA2J111
D6551,52	MA8051L	ZENER DIODE	2	MAZ80510LL
D6553	MA111	DIODE	1	MA2J111
D6570	M1FL20UF4063	DIODE	1	B0HCMM000009
D6572	D1FL40F4063	DIODE	1	B0ECHP000001
D6582	MA8051L	ZENER DIODE	1	MAZ80510LL
D6583	LNJ201LPQJA	LED	1	
D6584	MA111	DIODE	1	MA2J111
D6585,86	MA8330M	ZENER DIODE	2	MAZ83300M
D6611	M1FS4	DIODE	1	B0JCME000025
D6615	D1FL40F4063	DIODE	1	B0ECHP000001
D6620-22	SF20LC30F10	DIODE	3	
D6624	SF20LC30F10	DIODE	1	
D6629	B0HBSM000031	DIODE	1	
D6635	MA8051L	ZENER DIODE	1	MAZ80510LL
D6636	MA111	DIODE	1	MA2J111
D6637	D1FL40F4063	DIODE	1	B0ECHP000001
D6640	D1FL40F4063	DIODE	1	B0ECHP000001
D6641,42	M1FS4	DIODE	2	B0JCME000025
D6645-47	D1FL40F4063	DIODE	3	B0ECHP000001
D6711	M1FS4	DIODE	1	B0JCME000025
D6715	D1FL40F4063	DIODE	1	B0ECHP000001
D6720-22	SF20LC30F10	DIODE	3	
D6724	SF20LC30F10	DIODE	1	
D6729	B0HBSM000031	DIODE	1	
D6735	MA8051L	ZENER DIODE	1	MAZ80510LL
D6736	MA111	DIODE	1	MA2J111
D6737	D1FL40F4063	DIODE	1	B0ECHP000001
D6740,41	D1FL40F4063	DIODE	2	B0ECHP000001
D6750,51	D1FL40F4063	DIODE	2	B0ECHP000001
D6752,53	M1FS4	DIODE	2	B0JCME000025
D6754	D1FL40F4063	DIODE	1	B0ECHP000001
D6755	M1FS4	DIODE	1	B0JCME000025
D6757	D1FL40F4063	DIODE	1	B0ECHP000001
D6760	MA111	DIODE	1	MA2J111
D6761	MA8051L	ZENER DIODE	1	MAZ80510LL
D6763	MA8051L	ZENER DIODE	1	MAZ80510LL
D6764	MA111	DIODE	1	MA2J111
D6765	LNJ201LPQJA	LED	1	
D6766,67	MA8330M	ZENER DIODE	2	MAZ83300M
D6768	MA111	DIODE	1	MA2J111
D6769	LNJ201LPQJA	LED	1	
D6770	MA111	DIODE	1	MA2J111
D8001,02	MA111	DIODE	2	MA2J111
D9000	MA3036H	ZENER DIODE	1	MAZ30360H
D9001-09	MA3062M	ZENER DIODE	9	MAZ30620M
D9351	MA152K	DIODE	1	MA3X152K
D9352,53	MA3062M	ZENER DIODE	2	MAZ30620M
D9356	MA111	DIODE	1	MA2J111

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D9550	B0JCPD000010	DIODE	1	
D9551	MA113	DIODE	1	MA2J113
D9552	M1FS4	DIODE	1	
D9553	MA152K	DIODE	1	MA3X152K
D9554	MA111	DIODE	1	MA2J111
D9902	MA152K	DIODE	1	MA3X152K
F1	TJS3A9630	CONNECTOR	1	K1KA03A00183
F9	TJS3A9630	CONNECTOR	1	K1KA03A00183
F900-1,-2	EYF-52BC	FUSE HOLDER	2	
F901-1,-2	EYF-52BC	FUSE HOLDER	2	
H1	K1KB50B00030	50P CONNECTOR	1	
H2	K1KB40B00015	40P CONNECTOR	1	
H37	TJS3A9640	3P CONNECTOR	1	K1KA03A00171
HX1	K1KB40B00015	40P CONNECTOR	1	
IC081	B3L000000020	IC	1	
IC410	MIP0210SY1TV	IC (LOGIC)	1	
IC411	AN7705F	LINEAR IC	1	
IC430	C0DABZG00001	IC	1	
IC465	AN1431T	LINEAR IC	1	
IC501	AN8026	LINEAR IC	1	
IC502	C5HABZZ00080	IC	1	
IC503	AN7718F	LINEAR IC	1	
IC504,05	AN1431T	LINEAR IC	2	
IC506	C0DAAHG00007	IC	1	
IC507	PQ30RV21A	LINEAR IC	1	C0DAEZH00008
IC508	AN6912	LINEAR IC	1	
IC2301,02	TDA7480	LINEAR IC	2	C1AA00000561
IC2304	PQ09SZ1T	IC	1	C0CBAHG00005
IC2401	BH3865S	LINEAR IC	1	C1BA00000302
IC3001	C1AB00001139	IC	1	
IC3002,03	MC14052BF	MOS IC (CMOS GATE ARRLY)	2	C0JBAR000021
IC3004	CXA1315M	LINEAR IC	1	C1AB00000440
IC3006	PQ09SZ1T	IC	1	C0CBAHG00005
IC3007,08	PQ12SZ1T	IC	2	C0CBAKG00003
IC3009	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	C0JBAS000109
IC3301	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000224
IC3302	C0ABGB000001	IC	1	
IC3303	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000224
IC3501	JLC1562BF	MOS IC (MICON LSI)	1	C0JBAZ001265
IC3502	TVRJ598-1	ROM IC	1	
IC3515	C0ZBZ0000205	IC	1	
IC3699	TVRJ642-2	ROM IC	1	(HZ)
IC3699	TVRJ784-2	ROM IC	1	(HY)
IC3801	MM1065ZMR	LINEAR IC	1	C0CBABB00029
IC3802	C0EBE0000066	IC	1	
IC3803	TVSA0500	IC	1	C3ABMG000074
IC3804	C1AB00001494	IC	1	
IC3805,06	MM1065ZMR	LINEAR IC	2	C0CBABB00029
IC3809	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC4551	C0JBAE000228	IC	1	
IC6401-08	C0HBC0000005	IC	8	
IC6451	AN1431M	LINEAR IC	1	
IC6452,53	AN78L15M	LINEAR IC	2	
IC6454	AN78L05M	LINEAR IC	1	
IC6471	AN1431M	LINEAR IC	1	
IC6491	AN1431M	LINEAR IC	1	
IC6501,02	TC74HC14AF	IC	2	C0JBAB000155
IC6511	C0ZBZ0000561	IC	1	
IC6521	C0ZBZ0000561	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6541,42	C0ZBZ0000561	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	C0BBBA000019
IC6601-03	C0ZBZ0000138	IC	3	
IC6604	AN1431M	LINEAR IC	1	
IC6605,06	TC74HC244AF	IC	2	
IC6701-03	C0ZBZ0000138	IC	3	
IC6704	C0ZBZ0000561	IC	1	
IC6705	NJM2903M	INTEGRATED CIRCUIT	1	C0BBBA000019
IC6706	TC74HC244AF	IC	1	
IC6711	AN1431M	LINEAR IC	1	
IC7101	C0JBAZ000005	IC	1	
IC7103	C0DBEZG00004	IC	1	
IC7201	C0JBAZ000005	IC	1	
IC8001	M52346SP	LINEAR IC	1	C1AA00000395
IC8002	TC74HC14AF	IC	1	C0JBAB000155
IC9000	PQ09SZ1T	IC	1	C0CBAHG00005
IC9001	C0CBCBD00005	IC	1	
IC9002-04	C0ABHA000033	IC	3	
IC9006	C0CBCBD00005	IC	1	
IC9007	C0FBAD000069	IC	1	
IC9200	MN84504	MOS IC	1	
IC9203	C0CBCBD00005	IC	1	
IC9206	C0JBAZ000855	IC	1	
IC9210	C3ABPJ000017	IC	1	
IC9212	TLC2933IPWL	INTEGRATED CIRCUIT	1	C0ABFA000012
IC9213	C0CBCBD00005	IC	1	
IC9300	C0ZBZ0000551	IC	1	
IC9301	C0CBCBD00005	IC	1	
IC9351	MN102L230	IC	1	
IC9353	HM538123BJ8Z	IC	1	C3HAHC000006
IC9354	TVRJ799-1	ROM IC	1	
IC9355	TVRJ858	IC	1	
IC9356	C0JBAZ001201	IC	1	
IC9357	C1DB00000274	IC	1	
IC9450S	TJSB01108	IC SOCKET	1	
IC9450	TVRJ709-1	ROM IC	1	
IC9451	C1ZBZ0001996	IC	1	
IC9452	TC74HCU04AF	MOS IC (CMOS S/LOGIC)	1	C0JBAB000159
IC9453	C0EBE0000066	IC	1	
IC9455	C0CBCAD00007	IC	1	
IC9550	C0DBAZH00008	IC	1	
IC9551	C0DBAMH00006	IC	1	
IC9552	C0DBEZG00004	IC	1	
IC9553	C0JBAZ001604	IC	1	
IC9554	JLC1562BF	MOS IC (MICON LSI) *	1	C0JBAZ001265
IC9601	MN84505	MOS IC	1	
IC9602	C3ABPJ000043	IC	1	
IC9603	TVRJ741-1	ROM IC	1	
IC9604	C0ZBZ0000423	IC	1	
IC9612	C0JBAZ000855	IC	1	
IC9700S	TJSB01108	IC SOCKET	1	
IC9700	TVRJ742-2	ROM IC	1	
IC9701	C1ZBZ0001996	IC	1	
IC9702	PST9128NR	IC (LOGIC)	1	C0EBE0000066
IC9703	C0CBCAD00007	IC	1	
IC9704	C0ZBZ0000423	IC	1	
IC9710-12	C0JBAZ001604	IC	3	
IC9801	C0JBAZ001604	IC	1	
IC9802,03	C0JBAZ000005	IC	2	
IC9805-22	TC74LCX574F	MOS IC (CMOS S/LOGIC)	18	C0JBAF000218
IC9900	C2BBFE000121	IC	1	
IC9902	M51957BFP	LINEAR IC	1	C0EBB0000024
IC9904	C0JBAE000283	IC	1	
JK3300	K2HA204B0097	JACK	1	(HY)
JK3301	K1CB106B0027	CONNECTOR	1	
JK3302	K10BB2AB0005	CONNECTOR	1	(HY)
JK3303	K2HA204B0097	JACK	1	(HY)
JK3304	K10BB5AB0003	CONNECTOR	1	(HY)
JK3305	K2HA306B0048	JACK	1	(HZ)
JK3306	K2HA306B0049	JACK	1	(HZ)
JK3307	K2HA204B0097	JACK	1	(HZ)
JK3308	K2HA204B0096	JACK	1	(HZ)
JK3509	K1FB109B0058	CONNECTOR	1	
JK3511	TJS8A9880	CONNECTOR	1	K1FB115B0034
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	1	
JS1,S2	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3	ERDS2TC0	C 0 OHM, 1/4W	1	
JS3	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4	ERDS2TC0	C 0 OHM, 1/4W	1	
JS4	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS5	ERDS2TC0	C 0 OHM, 1/4W	1	
JS5	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS6	ERDS2TC0	C 0 OHM, 1/4W	1	
JS10	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS11	ERDS2TC0	C 0 OHM, 1/4W	1	
JS11	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS12	ERDS2TC0	C 0 OHM, 1/4W	1	
JS24	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS28-32	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
JS35	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2301	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
JS8019	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L411	ELEXT100KA	PEAKING COIL	1	
L430	G4D4A0000048	SWITCHING TRANSFORMER	1	
L501	EXCELSA39	BEAD CHOKE	1	
L502-07	ERDS2TC0	C 0 OHM, 1/4W	6	
L508	EXCELSA39	BEAD CHOKE	1	
L509	TALFP15B221K	INDUCTION COIL	1	
L510,11	ERDS2TC0	C 0 OHM, 1/4W	2	
L515-18	ERDS2TC0	C 0 OHM, 1/4W	4	
L520	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L901	G0A143K00001	LINE CHOKE COIL	1	⚠
L902,03	TLPD048	LINE FILTER	2	⚠
L2301,02	G0ZZ00002023	COIL	2	
L2303,04	EXCELDR35C	BEAD CHOKE	2	
L2306	ELJPA100KB	CHIP INDUCTOR	1	
L3001-03	ELJPA100KB	CHIP INDUCTOR	3	
L3007,08	ELJPA100KB	CHIP INDUCTOR	2	
L3301	TLK20LFA223M	EMI FILTER	1	J0HABB000003
L3302,03	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3304,05	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3306,07	ELJPA100KB	CHIP INDUCTOR	2	
L3351,52	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3353-55	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3356,57	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3358,59	ELJPA100KB	CHIP INDUCTOR	2	
L3501	ELJPA100KB	CHIP INDUCTOR	1	
L3507-09	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3510-13	TLK212T256AL	EMI FILTER	4	J0HAAB000012
L3525,26	ELJPA100KB	CHIP INDUCTOR	2	
L3530	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3801,02	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3803	G1C100KA0008	INDUCTOR COIL	1	
L3804	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
L3806	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L3807	TALC168T2R2K	CHIP INDUCTOR COIL	1	G1C2R2K00006
L3808	G1C100KA0008	INDUCTOR COIL	1	
L3809	TALC325T4R7M	CHIP INDUCTOR COIL	1	
L3810,11	G1C100KA0008	INDUCTOR COIL	2	
L3813	TALC168T4R7K	CHIP INDUCTOR COIL	1	G1C4R7K00013
L3814-16	G1C100KA0008	INDUCTOR COIL	3	
L3817-19	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3820,21	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3822-25	ELKE103FA	NOISE FILTER	4	
L3826,27	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3828,29	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3830	ELJPA100KB	CHIP INDUCTOR	1	
L4551	ELJPA100KB	CHIP INDUCTOR	1	
L6451,52	J0JJC0000021	CHIP INDUCTOR	2	
L6471	J0JJC0000021	CHIP INDUCTOR	1	
L6472	TSKA158	BEAD CORE	1	G0ZZ00001935
L6602	TSKA158	BEAD CORE	1	G0ZZ00001935
L6604,05	TSKA158	BEAD CORE	2	G0ZZ00001935
L6611,12	ELC16BR82L	CHOKE COIL	2	
L6615,16	ELC16BR82L	CHOKE COIL	2	
L6618	J0JJC0000021	CHIP INDUCTOR	1	
L6620-23	TSKA158	BEAD CORE	4	G0ZZ00001935
L6626,27	TSKA158	BEAD CORE	2	G0ZZ00001935
L6636,37	TSKA158	BEAD CORE	2	G0ZZ00001935
L6644,45	TSKA158	BEAD CORE	2	G0ZZ00001935
L6647,48	J0JJC0000021	CHIP INDUCTOR	2	
L6702-04	TSKA158	BEAD CORE	3	G0ZZ00001935
L6705	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L6711	ELC16BR82L	CHOKE COIL	1	
L6713,14	ELC16BR82L	CHOKE COIL	2	
L6716	ELC16BR82L	CHOKE COIL	1	
L6718	J0JJC0000021	CHIP INDUCTOR	1	
L6720-23	TSKA158	BEAD CORE	4	G0ZZ00001935
L6726,27	TSKA158	BEAD CORE	2	G0ZZ00001935
L6736,37	TSKA158	BEAD CORE	2	G0ZZ00001935
L6744,45	TSKA158	BEAD CORE	2	G0ZZ00001935
L6747	J0JJC0000021	CHIP INDUCTOR	1	
L6750	TSKA158	BEAD CORE	1	G0ZZ00001935
L7101-03	J0JJC0000021	CHIP INDUCTOR	3	
L7105	J0JJC0000021	CHIP INDUCTOR	1	
L7201-05	J0JJC0000021	CHIP INDUCTOR	5	
L8001,02	ELJPA100KB	CHIP INDUCTOR	2	
L8501,02	TLPD061	LINE FILTER	2	G0A2R5H00003
L9001-04	ELKE103FA	NOISE FILTER	4	
L9005-10	EXCCL3225U1	EMI FILTER	6	
L9200,01	EXCCL3225U1	EMI FILTER	2	
L9300	EXCCL3225U1	EMI FILTER	1	
L9350	ELJPA100KB	CHIP INDUCTOR	1	
L9450	EXCCL3225U1	EMI FILTER	1	
L9451	ELJPA150KF	CHIP INDUCTOR	1	
L9551	G1C220M00029	INDUCTOR COIL	1	
L9552	G1C470M00012	INDUCTOR COIL	1	
L9553	EXCCL3225U1	EMI FILTER	1	
L9601	ELJFA1R0KF	CHIP COIL	1	
L9701	EXCCL3225U1	EMI FILTER	1	
L9801	EXCCL3225U1	EMI FILTER	1	
L9803	EXCCL3225U1	EMI FILTER	1	
L9805-08	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
LC9000-02	J0E3505B0002	LCR FILTER	3	
LC9003	ELKE103FA	NOISE FILTER	1	
LC9006	ELKE103FA	NOISE FILTER	1	
LC9300-02	ELKE103FA	NOISE FILTER	3	
LC9501-05	ELKE103FA	NOISE FILTER	5	
LC9507,08	ELKE103FA	NOISE FILTER	2	
LC9801-03	ELKE103FA	NOISE FILTER	3	
LC9901	ELKE103FA	NOISE FILTER	1	
P1	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
P2	TJS3A9670	CONNECTOR	1	K1KA06A00179
P6	K1KA07A00056	7P CONNECTOR	1	
P9	K1KA02A00244	2P CONNECTOR	1	
P10	TJS1A8810	5P CONNECTOR	1	K1KA05A00177
P12	K1KA05A00139	5P CONNECTOR	1	
P23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
P25	TJS1A8870	11P CONNECTOR	1	K1KA11A00073
P27	TJS1A8850	9P CONNECTOR	1	K1KA09A00099
Q082	2SD601A	TRANSISTOR	1	2SD0601A
Q401-03	2SC3311A	TRANSISTOR	3	2SC3311AW
Q410	2SC3311A	TRANSISTOR	1	2SC3311AW
Q431,32	2SK2917	FET	2	B1DEGQ000003
Q433	2SD2177R	TRANSISTOR	1	
Q434	2SB1434R	TRANSISTOR	1	2SB14340RA
Q435	2SC3311A	TRANSISTOR	1	2SC3311AW
Q436	2SA1309A	TRANSISTOR	1	2SA13090WA
Q437-39	2SC3311A	TRANSISTOR	3	2SC3311AW
Q501	2SK2847	FET	1	B1DEFU000002
Q502	B1DEGQ000019	FET	1	
Q503	2SB621A	TRANSISTOR	1	2SB0621AW
Q504	2SC3311A	TRANSISTOR	1	2SC3311AW
Q505	2SA1309A	TRANSISTOR	1	2SA13090WA
Q506	2SC3311A	TRANSISTOR	1	2SC3311AW
Q2301-03	2SD601A	TRANSISTOR	3	2SD0601A
Q2305,06	2SD601A	TRANSISTOR	2	2SD0601A
Q2406	2SD601A	TRANSISTOR	1	2SD0601A
Q2408	2SD601A	TRANSISTOR	1	2SD0601A
Q2410	2SD601A	TRANSISTOR	1	2SD0601A
Q3013,14	2SD601A	TRANSISTOR	2	2SD0601A
Q3085,86	2SB709A	TRANSISTOR	2	2SB0709A
Q3301-09	2SD601A	TRANSISTOR	9	2SD0601A
Q3351,52	2SD601A	TRANSISTOR	2	2SD0601A
Q3353	2SB709A	TRANSISTOR	1	2SB0709A
Q3354-58	2SD601A	TRANSISTOR	5	2SD0601A
Q3359	2SB709A	TRANSISTOR	1	2SB0709A
Q3501-03	2SD601A	TRANSISTOR	3	2SD0601A

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3507	2SB709A	TRANSISTOR	1	2SB0709A (HY) (HZ)
Q3507	2SD601A	TRANSISTOR	1	2SD0601A (HX)
Q3508	2SB709A	TRANSISTOR	1	2SB0709A (HY) (HZ)
Q3508	2SD601A	TRANSISTOR	1	2SD0601A (HX)
Q3509	2SB709A	TRANSISTOR	1	2SB0709A (HY) (HZ)
Q3509	2SD601A	TRANSISTOR	1	2SD0601A (HX)
Q3513	2SD601A	TRANSISTOR	1	2SD0601A
Q3514	2SB709A	TRANSISTOR	1	2SB0709A
Q3515	2SD601A	TRANSISTOR	1	2SD0601A
Q3516	2SB709A	TRANSISTOR	1	2SB0709A
Q3531,32	2SD601A	TRANSISTOR	2	2SD0601A
Q3801,02	2SB709A	TRANSISTOR	2	2SB0709A
Q3803,04	2SD601A	TRANSISTOR	2	2SD0601A
Q3805-07	2SB709A	TRANSISTOR	3	2SB0709A
Q3808	2SD601A	TRANSISTOR	1	2SD0601A
Q3809	2SK198R	FET	1	2SK01980R
Q3810	2SD601A	TRANSISTOR	1	2SD0601A
Q3812,13	2SB709A	TRANSISTOR	2	2SB0709A
Q3815	2SB709A	TRANSISTOR	1	2SB0709A
Q3817	2SB709A	TRANSISTOR	1	2SB0709A
Q6401	2SK620	FET	1	2SK0620
Q6451	B1BBCJ000003	TRANSISTOR	1	
Q6452	2SB709A	TRANSISTOR	1	2SB0709A
Q6453	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6454	2SD814A	TRANSISTOR	1	
Q6471	B1BBCJ000003	TRANSISTOR	1	
Q6472	2SB709A	TRANSISTOR	1	2SB0709A
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	2SD0601A
Q6491,92	2SC1473A	TRANSISTOR	2	2SC1473AE
Q6511,12	B1DFGL000005	TRANSISTOR	2	
Q6520	2SD601A	TRANSISTOR	1	2SD0601A
Q6521	FS7VS14AT11	FET	1	
Q6522-27	2SK2993	FET	6	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542-47	B1DFHM000002	DIODE	6	
Q6550	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6551	2SD601A	TRANSISTOR	1	2SD0601A
Q6552	FS7VS14AT11	FET	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6555	FS7VS14AT11	FET	1	
Q6581	2SD601A	TRANSISTOR	1	2SD0601A
Q6601	2SK3652000VH	TRANSISTOR	1	
Q6605	2SK3652000VH	TRANSISTOR	1	
Q6621	2SK3637000VE	TRANSISTOR	1	
Q6624	2SK3637000VE	TRANSISTOR	1	
Q6641,42	B1DFHM000002	DIODE	2	
Q6671	2SB940A	TRANSISTOR	1	2SB0940AJ
Q6672	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6673	2SD1263A	TRANSISTOR	1	
Q6701	2SK3652000VH	TRANSISTOR	1	
Q6705	2SK3652000VH	TRANSISTOR	1	
Q6721	2SK3637000VE	TRANSISTOR	1	
Q6724	2SK3637000VE	TRANSISTOR	1	
Q6741,42	B1DFHM000002	DIODE	2	
Q6745,46	2SK326800L	FET	2	
Q6751	2SD1264	TRANSISTOR	1	2SD12640J
Q6752,53	2SC1473	TRANSISTOR	2	2SC14730E

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6755,56	2SD601A	TRANSISTOR	2	2SD0601A
Q7201,02	2SB709A	TRANSISTOR	2	2SB0709A
Q8021	2SD601A	TRANSISTOR	1	2SD0601A
Q9350	2SK620	FET	1	2SK0620
Q9500,02	2SD601A	TRANSISTOR	2	2SD0601A
Q9501	2SK620	FET	1	2SK0620
Q9502	2SD601A	TRANSISTOR	1	2SD0601A (D2)
Q9502	2SK620	FET	1	2SK0620 (D1)
Q9504	2SK620	FET	1	2SK0620
Q9701-03	2SD601A	TRANSISTOR	3	2SD0601A
Q9904	2SD601A	TRANSISTOR	1	2SD0601A
R081	TAJAAH0470JV	M 47 OHM,J,1/16W	1	D0GB470JA006
R082	ERJ3GEYJ224	M 220KOHM,J,1/16W	1	
R083	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R084	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R088	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R091,92	TAJAAH0470JV	M 47 OHM,J,1/16W	2	D0GB470JA006
R093,94	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R401,02	ERF10TK3R3	W 3.3 OHM, 10W	2	
R403	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R404	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R405	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R406	ERDS2TJ683	C 68KOHM, J,1/4W	1	
R407	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R408	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R409	ERU5TAJ150	F 15 OHM, 5W	1	⚠
R411	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R412	ERDS2TJ6R8	C 6.8 OHM, J,1/4W	1	
R413	ERG1FJS104D	M 100KOHM, J, 1W	1	
R414	ERDS2TJ561	C 560 OHM, J,1/4W	1	
R415	ERDS2TJ6R8	C 6.8 OHM, J,1/4W	1	
R416	ERDS1TJ221	C 220 OHM, J,1/2W	1	
R417	ERDS1TJ391	C 390 OHM, J,1/2W	1	
R418,19	ERDS2TJ104	C 100KOHM, J,1/4W	2	
R420	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R422-24	ERDS2TJ103	C 10KOHM, J,1/4W	3	
R431	ERDS2TJ272	C 2.7KOHM, J,1/4W	1	
R432	ERDS1FJ224	C 220KOHM, J,1/2W	1	
R433	ERDS1FJ274	C 270KOHM, J,1/2W	1	
R434,35	ERG3FJS333D	M 33KOHM, J, 3W	2	
R436,37	ERF5EKR15	W0.15 OHM, 5W	2	
R438	ERDS2TJ270	C 27 OHM, J,1/4W	1	
R439	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R440	ER0S2CKF5602	M 56KOHM, F,1/4W	1	EROS2CKF5602
R441	ERG1FJS100D	M 10 OHM, J, 1W	1	
R442	ERDS1FJ100	C 10 OHM, J,1/2W	1	
R443	ERDS1FJ103	C 10KOHM, J,1/2W	1	
R444	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R445	ERDS2TJ684	C 680KOHM, J,1/4W	1	
R446	ERDS1FJ100	C 10 OHM, J,1/2W	1	
R447	ERDS1FJ103	C 10KOHM, J,1/2W	1	
R448	ERDS2TJ333	C 33KOHM, J,1/4W	1	
R449	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R450,51	ERDS2TC0	C 0 OHM, 1/4W	2	
R452	ER0S2CKF2701	M 2.7KOHM, F,1/4W	1	
R454-56	ER0S2CKF2203	M 220KOHM, F,1/4W	3	
R457	ER0S2CKF6800	M 680OHM, F,1/4W	1	
R458	ER0S2CKF1801	M 1.8KOHM, F,1/4W	1	
R459-61	ER0S2CKF2203	M 220KOHM, F,1/4W	3	
R462	ERG1FJS393D	M 39KOHM, J, 3W	1	
R463	ERG1FJS473D	M 47KOHM, J, 3W	1	
R464	ERG2FJS823D	M 82KOHM, J, 3W	1	
R465	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R466	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R467	ERDS2TJ153	C 15KOHM, J,1/4W	1	
R468,69	ERDS2TJ223	C 22KOHM, J,1/4W	2	
R470	ERDS2TJ272	C 2.7KOHM, J,1/4W	1	
R471	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R472	ERDS1FJ2R7	C 2.7 OHM, J,1/2W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R473	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R474	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R475	ERDS2TJ560	C 56 OHM, J,1/4W	1	
R476	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R477,78	ERDS2TJ222	C 2.2KOHM, J,1/4W	2	
R479	ERG1FJS222D	M 2.2KOHM, J, 1W	1	
R501	ERDS2TJ152	C 1.5KOHM, J,1/4W	1	
R502	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R503,04	ERG2FJS104D	M 100KOHM, J, 2W	2	
R506	ER0S2CKF1801	M 1.8KOHM, F,1/4W	1	
R507	ER0S2CKF4300	M 430OHM, F,1/4W	1	
R509	ERDS1FJ100	C 10 OHM, J,1/2W	1	
R510,11	ERX2FJSR47D	M 0.47OHM, J, 2W	2	
R512	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R513	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R514	ERX2FJSR47D	M 0.47OHM, J, 2W	1	
R515	ERDS1FJ681	C 680 OHM, J,1/2W	1	
R516	ERX2FJSR47D	M 0.47OHM, J, 2W	1	
R518	ERX2FJSR47D	M 0.47OHM, J, 2W	1	
R519	ERDS2TJ122	C 1.2KOHM, J,1/4W	1	
R520	ERG3FJS683D	M 68KOHM, J, 3W	1	
R522-24	ERG3FJS683D	M 68KOHM, J, 3W	3	
R525,26	ERDS1FJ220	C 22 OHM, J,1/2W	2	
R527	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R528,29	ERDS2TJ102	C 1KOHM, J,1/4W	2	
R530,31	ERDS2TJ222	C 2.2KOHM, J,1/4W	2	
R532,33	ERDS2TJ101	C 100 OHM, J,1/4W	2	
R534,35	ERDS2TJ473	C 47KOHM, J,1/4W	2	
R536	ER0S2CKF2551	M2.55KOHM, F,1/4W	1	EROS2CKF2551
R537	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R538	ER0S2CKF6192	M61.9KOHM, F,1/4W	1	
R539	ER0S2CKF2551	M2.55KOHM, F,1/4W	1	EROS2CKF2551
R540	EVMEASA00B54	CONTROL 50KOHMB 0.3W	1	
R541,42	ER0S2CKF4992	M49.9KOHM, F,1/4W	2	EROS2CKF4992
R543	ER0S2CKF4642	M46.4KOHM, F,1/4W	1	
R545	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R546	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R547	ERDS2TJ682	C 6.8KOHM, J,1/4W	1	
R548	ERDS1FJ471	C 470 OHM, J,1/2W	1	
R549	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R550	ERDS2TJ682	C 6.8KOHM, J,1/4W	1	
R551	ERDS2TJ151	C 150 OHM, J,1/4W	1	
R552,53	ERG2FJS471D	M 470 OHM, J, 2W	2	
R554	ERDS2TJ682	C 6.8KOHM, J,1/4W	1	
R555	ER0S2CKF1212	M12.1KOHM, F,1/4W	1	
R556	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R557	ER0S2CKF2551	M2.55KOHM, F,1/4W	1	EROS2CKF2551
R558	ER0S2CKF1501	M1.50KOHM, F,1/4W	1	EROS2CKF1501
R559	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R560	ER0S2CKF3741	M3.74KOHM, F,1/4W	1	
R561	ERDS2TJ680	C 68 OHM, J,1/4W	1	
R562	ER0S2CKF3830	M 383 OHM, F,1/4W	1	
R563	ER0S2CKF1213	M 121KOHM, F,1/4W	1	
R564	ER0S2CKF1002	M 10KOHM, F,1/4W	1	
R565	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R566	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R567	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R568	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R569	ERDS2TJ222	C 2.2KOHM, J,1/4W	1	
R570	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R571	ERDS2TJ273	C 27KOHM, J,1/4W	1	
R572	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R573,74	ER0S2CKF1803	M 180KOHM, F,1/4W	2	
R575	ER0S2CKF1002	M 10KOHM, F,1/4W	1	
R576	ERDS2TJ222	C 2.2KOHM, J,1/4W	1	
R577	ERDS2TJ470	C 47 OHM, J,1/4W	1	
R578	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R579	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R580	ERDS2TJ471	C 470 OHM, J,1/4W	1	
R581	ERDS2TJ123	C 12KOHM, J,1/4W	1	
R582	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R583	ERDS2TJ680	C 68 OHM, J,1/4W	1	
R584	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R585	ERG3FJS683D	M 68KOHM, J, 3W	1	
R586,87	ERDS1FJ224	C 220KOHM, J,1/2W	2	
R900,01	ERC12ZGK105	S 1MOHM, K,1/2W	2	⚠
R1554,55	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2301	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2304	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2305,06	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R2309	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2310	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2319,20	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2321	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2322,23	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2324,25	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2326	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2327	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	1	
R2328	ERJ6GEYJ683	M 68KOHM,J,1/10W	1	
R2329,30	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	2	
R2331	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2332	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2333	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2334	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2335,36	ERJ6GEYJ123	M 12KOHM,J,1/10W	2	
R2337,38	ERJ6GEY0R00	M 0 OHM,J,1/10W	2	
R2341	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2343	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2346	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2347	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2348	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2349,50	ERJ6GEY0R00	M 0 OHM,J,1/10W	2	
R2408	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2410	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2431	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2434	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2438	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2439	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2440	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2441	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2445	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2448	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2452	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2453	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2456	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2457	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R2460	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R2461,62	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R2463	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R2464	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2466	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R2467	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R2468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2469	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R2470	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2471	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2472	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2473	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2476,77	ERJ6GEYJ220	M 22 OHM,J,1/10W	2	
R2480	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2481,82	ERJ6GEYJ153	M 15KOHM,J,1/10W	2	
R2483	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2484	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3001-04	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R3007	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R3009-15	ERJ3GEYJ560	M 56 OHM,J,1/16W	7	
R3016-21	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3022,23	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R3024-29	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3030,31	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R3032,33	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R3034	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3035	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3036	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3037	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3038	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3039-43	TAJAAH0101JV	M 100 OHM,J,1/16W	5	D0GB101JA006
R3045	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3046	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3047	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3078	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3079	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3087,88	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3101-08	ERJ3GEYJ334	M 330KOHM,J,1/16W	8	D0GB334JA002
R3109	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3301	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3302	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HY)
R3303	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3304,05	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3306	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3308	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3309	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3310	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3311	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3312	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3313	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3314	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3315	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3316-18	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3319-21	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3322	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3323	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3324	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3325-27	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3328-31	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3332,33	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R3334	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3335	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3336	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3337	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3338,39	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3340	ERJ6ENF9310	M 931 OHM, 1/10W	1	
R3341	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3342	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3343	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3344	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3345	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3346-48	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3349,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3351,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3353-55	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3356,57	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3358-61	TAJAAH0101JV	M 100 OHM,J,1/16W	4	D0GB101JA006
R3362,63	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3364	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3365	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3366,67	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3368	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3369-72	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3373,74	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3375-77	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3378,79	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3380-82	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3383-85	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3386,87	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3388	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3389,90	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3391	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3392	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3393,94	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3395	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3396	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3400	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3501-03	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3504	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R3505	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3506	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3507	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3508	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	(HY) (HZ)
R3508	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	(HX)
R3509	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	(HY) (HZ)
R3509	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	(HX)
R3510,02	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3511	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3513,14	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R3516,17	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3518-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R3526-28	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3529,30	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3532-34	ERJ6GEY0R00	M 0 OHM,J,1/10W	3	
R3535,36	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R3537	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	(HX)
R3537	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	(HY) (HZ)
R3538	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HY) (HZ)
R3538	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	(HX)
R3539,40	ERJ6ENF75R0	M 75 OHM, 1/10W	2	(HY) (HZ)
R3540	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	(HX)
R3541	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3547	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3548	ERJ6ENF7500	M 750 OHM, 1/10W	1	(HY) (HZ)
R3548	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	(HX)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3549,50	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R3577	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3578	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3579	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3580	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3581	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3582	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3585,86	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3595-97	ERJ6GEYJ102	M 1KOHM,J,1/10W	3	
R3599	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3603,04	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3611-14	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	4	
R3626-29	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3653	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3663,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3755,56	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3764-66	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R3776,77	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3801,02	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3803,04	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R3805	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3806	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3808	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3809	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3810	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3811	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3812	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R3813	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3814	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R3815	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3816	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3817	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3818	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3819	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3820	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3821	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3822	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3823	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3824	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3825	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3826	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3827	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3828	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3829	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3830,31	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3832	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3833	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3834	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3835	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3836	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3837-40	EXB38V471J	RESISTOR ARRAY	4	
R3841	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3842	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3843	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3845	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3846	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3848	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3849	ERJ6ENF3000	M 300 OHM, 1/10W	1	
R3850	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3851	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3852	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3853	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3854	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3855	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3856	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3857	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3858	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3859	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R3860	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	D0GB391JA002
R3861	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R3862	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3863,64	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R3865	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3866	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3867-69	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R3870	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R3871	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3872	TAJAAH0680JV	M 68 OHM,J,1/16W	1	D0GB680JA006
R3873	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3874	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3875,76	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	2	
R3877	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3879	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3881	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3884-86	TAJAAH0820JV	M 82 OHM,J,1/16W	3	D0GB820JA006
R3887	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3888	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3890	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3891	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3892	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3893	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3894	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3895	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4521	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4551	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4552	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R4601	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4604	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R6401-08	ERJ6GEYJ221	M 220 OHM,J,1/10W	8	
R6409	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6410,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6413	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6420-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6424	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6425-28	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6429	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6441	ERJ6ENF7502	M 75KOHM, 1/10W	1	
R6442	ERJ6ENF6982	M69.8KOHM, 1/10W	1	
R6443	EVMEASA00B24	CONTROL 20KOHMB 0.3W	1	
R6444	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	1	
R6445	ERJ6ENF2551	M2.55KOHM, 1/10W	1	
R6447	ERG2FJS223D	M 22KOHM, J, 2W	1	
R6448	ERG2FJS472D	M 82KOHM, J, 3W	1	
R6453	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6454	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6455	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6456	ERJ6ENF1003	M 100KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6457,58	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6459-61	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R6462	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R6463	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6464	ERG2FJS273D	M 27KOHM, J, 2W	1	
R6465	ERX1FJS8R2D	M 8.2 OHM, J, 1W	1	
R6466	ERJ14YJ101	M 100 OHM, J,1/4W	1	
R6467,68	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6469	ERG3FJS123D	M 12KOHM, J, 3W	1	
R6470	ERJ6GEYJ273	M 27KOHM,J,1/10W	1	
R6471	ERG3FJS123D	M 12KOHM, J, 3W	1	
R6473	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6474	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6475	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6476	ERJ6GEYJ394	M 390KOHM,J,1/10W	1	
R6477	EVMEASA00B33	CONTROL 3KOHMB 0.3W	1	
R6478	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6479,80	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6482	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6483	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6484	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6485,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6489	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6491	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6492,93	ERJ6ENF2203	M 220KOHM, 1/10W	2	
R6494	ERJ12YJ102	M 1KOHM,J, 1/2W	1	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6498,99	ERX1FJS8R2D	M 8.2 OHM, J, 1W	2	
R6500-02	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R6503,04	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R6505-07	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R6508	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6509	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6510	ERX2FJS2R2D	M 2.2 OHM, J, 2W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX2FJS2R2D	M 2.2 OHM, J, 2W	1	
R6514	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6518	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6522	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R6524	ERJ6GEYF222	M 2.2KOHM,F,1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527,28	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R6529	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6530-35	ERJ6GEYJ470	M 47 OHM,J,1/10W	6	
R6538	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6539	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542-47	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	6	
R6550	ERG1FJS332D	M 3.3KOHM, J, 1W	1	
R6551-53	ERJ6ENF1003	M 100KOHM, 1/10W	3	
R6554	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6556	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6563	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6565	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6566	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6567	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6568	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6570	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6571-78	ERJ6GEYJ471	M 470 OHM,J,1/10W	8	
R6582,83	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6584	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6589	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6590	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6594	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6595,96	ERJ6ENF5231	M5.23KOHM, 1/10W	2	
R6601	ERD25V0R00	M OHM, 1/10W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6611,12	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6619	ERJ6GEYJ240	M 24 OHM,J,1/10W	1	
R6627,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6630-35	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	6	
R6636-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6641,42	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6643,44	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R6647,48	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6661,62	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6667,68	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6669	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6670	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R6671	ERG3FJS821D	M 820 OHM, J, 3W	1	
R6672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6673	ERG1SJ100P	M 10 OHM, J, 1W	1	
R6678,79	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R6680,81	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6682-85	ERJ3GEYJ471	M 470 OHM,J,1/16W	4	
R6686-89	ERJ3GEYJ473	M 47KOHM,J,1/16W	4	
R6690,91	ERJ3GEYJ471	M 470 OHM,J,1/16W	2	
R6692,93	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6694-96	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R6697-99	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R6701	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6702	ERD25V0R00	M OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6711,12	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6719	ERJ6GEYJ240	M 24 OHM,J,1/10W	1	
R6727,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6730-35	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	6	
R6736-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6741,42	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6743,44	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R6747,48	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6759,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6761	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R6762-64	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6765	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6766-68	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6769,70	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6771,72	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6773	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6774	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
R6777,78	ERX2FJSR22D	M0.22 OHM, J, 2W	2	
R6779,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6783	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6784	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6785,86	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6787,88	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6790	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6791	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6801-03	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R6804-06	ERJ3GEYJ223	M 22KOHM,J,1/16W	3	
R6807-09	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R6810-12	ERJ3GEYJ223	M 22KOHM,J,1/16W	3	
R6818,19	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6820	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6821	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6823	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6824	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6825	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6826	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6827	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R7101-12	ERJ14YJ220	M 22 OHM, J,1/4W	12	
R7117	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7119	ERJ6ENF1651	M1.65KOHM, 1/10W	1	
R7120	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7126-28	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R7130-33	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7201-16	ERJ14YJ220	M 22 OHM, J,1/4W	16	
R7217	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7221-24	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R7225	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7226-33	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R8002	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R8003	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R8004	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8006,07	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R8008	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8009	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R8010	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R8011	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R8012	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8013	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8015	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8017-19	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R8023,24	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R8025	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R8026	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8027	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R8028-30	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	3	
R8033	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R8035	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8036	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9000	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9008	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9010	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9018-20	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9034	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9035	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9036	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9037	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R9038	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9039	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R9040	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9041	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R9045	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9046	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9047	ERJ6ENF1051	M1.05KOHM, 1/10W	1	
R9048	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9049	ERJ6ENF1051	M1.05KOHM, 1/10W	1	
R9050,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9052	ERJ6ENF1051	M1.05KOHM, 1/10W	1	
R9053	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9058	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R9059	ERJ6ENF1000	M 100 OHM, 1/10W	1	
R9060	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R9061	ERJ6ENF1000	M 100 OHM, 1/10W	1	
R9063	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R9064	ERJ6ENF1000	M 100 OHM, 1/10W	1	
R9065	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9068-70	ERJ6ENF2701	M 2.7KOHM, 1/10W	3	
R9071-73	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9077	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9078	ERJ6ENF1800	M 180 OHM, 1/10W	1	
R9080,81	ERJ6ENF1800	M 180 OHM, 1/10W	2	
R9082	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9102,03	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9104	TAJAAH0680JV	M 68 OHM,J,1/16W	1	D0GB680JA006
R9105,06	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9107-10	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9113	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9115	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9121-29	ERJ3GEY0R00	M 0 OHM, 1/16W	9	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9200,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9204,05	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9207,08	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9210	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9211,12	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9228	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9229	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9239,40	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9241	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9242,43	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9244	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9245	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9246	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9247,48	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9249	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9253	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9254	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9257	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9259	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9261	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9262,63	ERJ3GEYJ330	M 33 OHM,J,1/16W	2	
R9264-70	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R9271	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9274	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9275	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9285	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9286,87	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9288,89	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R9290	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9291	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9293	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9300	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9301-05	TAJAAH0101JV	M 100 OHM,J,1/16W	5	D0GB101JA006
R9306,07	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9308	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9309	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9350	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9351	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9352,53	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9354	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9355,56	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9357	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9358	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9359	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9360,61	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9362-64	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R9365	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9366-68	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R9369	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9371	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9372-75	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	4	
R9376	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9377	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9378	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9379	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9380	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9381	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9382	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9383-86	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9387-90	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R9391	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9392	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9394-00	ERJ3GEYJ102	M 1KOHM,J,1/16W	7	
R9401,02	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9403	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9404-06	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R9407,08	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9409	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9410	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9411	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9413	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9414	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9416	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9417	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9418	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9419	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9420	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9421	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9425	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9426	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9427	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9429	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9432	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9434,35	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9436-39	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9440,41	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9442-49	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R9454-58	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9459	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9460,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9464	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9466	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9467	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9469	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9470	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9472,73	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9475	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9478	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9501	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9502-07	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R9514-19	EXB38V680J	RESISTOR ARRAY	6	
R9520,21	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9523	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9524	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9525,26	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9527-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9530-32	EXB38V680J	RESISTOR ARRAY	3	
R9533	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9535-43	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R9548	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9549	TAJAAH0680JV	M 68 OHM,J,1/16W	1	D0GB680JA006
R9551	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9552	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9555-58	ERJ8RSJR10V	M 1 OHM, 1/8W	4	
R9559	ERJ6ENF1301	M 1.3KOHM, 1/10W	1	
R9560	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9561	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9562	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9563	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R9564	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9565	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R9566	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9567	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9568,69	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9572	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9573	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9576	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9577	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9578	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9581	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9582-85	ERJ3GEYJ330	M 33 OHM,J,1/16W	4	
R9588	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9601	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9607,08	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9609	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9616	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9617,18	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9619,20	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9624,25	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9626	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9627	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9629	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9630	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9632-34	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R9635-39	ERJ3GEYJ100	M 10 OHM,J,1/16W	5	
R9642-45	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9654	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9656	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9701	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9703	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9704-07	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9709	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9710-12	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9714	EXB38V103J	RESISTOR ARRAY	1	
R9715-17	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9718,19	EXB38V103J	RESISTOR ARRAY	2	
R9720	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9722,23	EXB38V103J	RESISTOR ARRAY	2	
R9725	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9726	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9727	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9728	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9729	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9730	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9732	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9742	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9743	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9744,45	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9746	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9747,48	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9749	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9750	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9755-57	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9758-62	ERJ3GEYJ151	M 150 OHM,J,1/16W	5	
R9765-71	ERJ3GEYJ151	M 150 OHM,J,1/16W	7	
R9775	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9793-00	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R9801,02	EXB38V103J	RESISTOR ARRAY	2	
R9803-05	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9806	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9809-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9813	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9814	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9816-18	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9819	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9821	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9823-28	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9831	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9832,33	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9836,37	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9838	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9839,40	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9841	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9842,43	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9844-46	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R9851-71	EXB38V470J	RESISTOR ARRAY	21	
R9872-76	TAJAAH0470JV	M 47 OHM,J,1/16W	5	D0GB470JA006
R9877	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9878	EXB38V151J	RESISTOR ARRAY	1	
R9879,80	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9881	EXB38V680J	RESISTOR ARRAY	1	
R9882	TAJAAH0680JV	M 68 OHM,J,1/16W	1	D0GB680JA006
R9884-88	TAJAAH0470JV	M 47 OHM,J,1/16W	5	D0GB470JA006
R9890	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9901	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9902,03	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9904	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9910	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9911	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9912	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9913,14	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9916	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9917	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9920	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9921	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9923	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9927	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9929	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9930	EXB38V103J	RESISTOR ARRAY	1	
R9931,32	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9933-38	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9939	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9940,41	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9942	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9944	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9945,46	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9947	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9948	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9949	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9950	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9951,52	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9954,55	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9958	ERJ3GEYJ474	M 470KOHM,J,1/16W	1	
R9959	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R9960	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9961,62	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9965	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9966	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9967,68	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9977	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9978,79	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9980	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
RL401,02	TSEH0005	RELAY	2	K6B1AGA00042 ⚠
RL403	TSE10801	RELAY	1	K6B2AGA00017 ⚠
RM001	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	TNPA2540	CIRCUIT BOARD C1	1	⚠
RTL	TNPA2541	CIRCUIT BOARD C2	1	⚠
RTL	TNPA2583	CIRCUIT BOARD SU	1	⚠
RTL	TNPA2584	CIRCUIT BOARD SD	1	⚠
RTL	TNPA2249	CIRCUIT BOARD H3	1	⚠
RTL	TXN/F1MMSE	CIRCUIT BOARD F	1	⚠
RTL	TNPA2590	CIRCUIT BOARD Z	1	⚠
RTL	TZTNP01MMSB	CIRCUIT BOARD D1	1	⚠
RTL	TNPA2589	CIRCUIT BOARD D2	1	⚠
RTL	TNPA2599	CIRCUIT BOARD P	1	⚠
RTL	TNPA2534	CIRCUIT BOARD SC	1	⚠
RTL	TNPA2535	CIRCUIT BOARD SS	1	⚠
RTL	TNPA2536	CIRCUIT BOARD SS2	1	⚠
RTL	TNPA2537	CIRCUIT BOARD SS3	1	⚠
RTL	TNPA2622	CIRCUIT BOARD S1	1	⚠
RTL	TNPA2621	CIRCUIT BOARD V1	1	⚠
RTL	TXNHZ40JJS	CIRCUIT BOARD HZ	1	⚠
RTL	TZTNP020JAS	CIRCUIT BOARD HX	1	⚠
S061	TSE4GD0001	POWER SWITCH	1	K0F162B00002
S1554-56	EVQPBD05R	SWITCH	3	
SC2	K1KA06A00180	6P CONNECTOR	1	
SC20	K1KA08A00232	8P CONNECTOR	1	
SC21	K1KA11A00078	11P CONNECTOR	1	
SC23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SC41-44	K1KB40B00015	40P CONNECTOR	4	
SD1-D3	K1MN80B00004	80P CONNECTOR	3	
SS11	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
SS12	K1KA05A00139	5P CONNECTOR	1	
SS23	TJS1A8870	11P CONNECTOR	1	K1KA11A00073
SS34	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SS40	K1KB07A00037	7P CONNECTOR	1	
SS41-46	TJSF41013	13P CONNECTOR	6	K1MN13B00020
SS47	K1KB07A00037	7P CONNECTOR	1	
SS48,49	K1KA07A00170	7P CONNECTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SU1-U3	K1MN80B00004	80P CONNECTOR	3	
T401	ETS25AD1C3AG	SWITCHING TRANSFORMER	1	⚠
T501	G4D4A0000051	SWITCHING TRANSFORMER	1	⚠
T502	G4D4A0000052	SWITCHING TRANSFORMER	1	⚠
T6451	G4D1A0000055	SWITCHING TRANSFORMER	1	
T6471	G4D1A0000055	SWITCHING TRANSFORMER	1	
V34	K1KA08B00005	8P CONNECTOR	1	
X3801	H0J202500002	CRYSTAL	1	
X9200	H1A3305B0005	CRYSTAL	1	
X9350	TSSA120	CRYSTAL	1	H0J327200038
X9450	TSSA081	CRYSTAL	1	H0J245500024
X9451	TSS9038-B	CRYSTAL	1	H0J200500016
X9601	H1A5005B0015	CRYSTAL	1	
X9602	H1A6505B0004	CRYSTAL	1	
X9603	H1A6005B0008	CRYSTAL	1	
X9701	TSS9038-B	CRYSTAL	1	H0J200500016
X9901	H0J921400003	CRYSTAL	1	
Z3	TJS1A8090	PHONO PIN (3P)	1	K1KA03B00045
Z4	TJS1A8100	PHONO PIN (4P)	1	K1KA04B00056
Z6	TJS1A8830	CONNECTOR	1	K1KA07A00056
Z10	TJS1A8800	4P CONNECTOR	1	K1KA04A00242
Z17	TJS1A8840	8P CONNECTOR	1	K1KA08A00221

17.4. 37 inch Models (UZ Version) Electrical Replacement List

17.5. 37 inch Models (Except UZ Version) Electrical Replacement List